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Volume 132 AUGUST 30, 1937 Number 9

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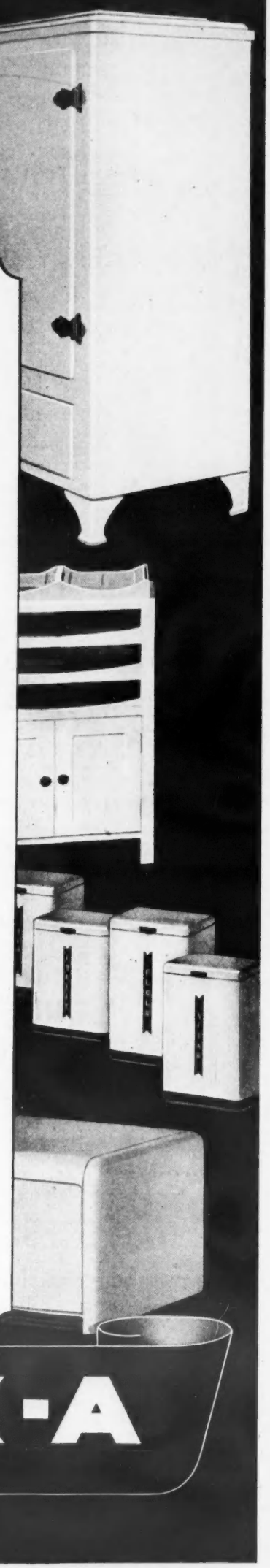

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Oil, Paint and Drug Reporter

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Volume 132 AUGUST 30, 1937 Number 9

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A.Ph.A. Urges Pharmacy In Public Health Work

Convention Deplores Drug Law Lag, Misrepresentation of Fair Trade Acts

Taking cognizance of present trends in public health work which indicate an increasing tendency to omit the pharmacist as the ultimate distributor of drugs to physicians and the laity, the American Pharmaceutical Association in the closing session of its eighty-fifth annual convention in this city August 21 approved a resolution strongly urging all governmental agencies to distribute necessary medicaments to the public through the medium of retail pharmacies.

The association expressed wholehearted approval of the efforts of the United States Public Health Service, under the direction of Surgeon-General Parran, to awaken public interest in the prevalence of venereal disease and to develop public support of plans and means of eradicating this scourge.

In other resolutions the association took the following actions:

Drug Law Revision

Expressed profound dissatisfaction with the failure of Congress to enact food, drug, and cosmetic legislation based on a sound understanding of public health and designed to give the public adequate and immediate protection against adulteration of drugs, foods, and cosmetics, and against all forms of misbranding and misstatement in labels and all forms of advertising.

Fair Trade Laws

Deplored the campaign of obviously inspired misstatements, willful perversions, and patent attempts on the part of certain newspapers to confuse and to mislead the public as to the immediate and ultimate economic effect of fair trade laws.

Expressed deep appreciation to Senator Tydings and to Congressman Miller for their parts in bringing about the enactment of the Tydings-Miller act.

Contacts with Colleges

Stated its belief that pharmaceutical conferences having for their intention the development of a closer relationship between the practicing pharmacist and the colleges should be encouraged.

Coordination of Activities

Urged that a committee of five be appointed to study the relationships that exist among the three bodies whose members constitute the association; that is, the house of delegates, the council, and the general body, and further to promote a closer relationship between the house of delegates and State pharmaceutical associations.

Urged that a committee be appointed to study possible ways of coordinating the activities of the various pharmaceutical interests toward definite objectives and thus obviate to a considerable degree the energy waste caused by a lack of a proper coordinating agency.

Appreciation of Its President

Expressed appreciation of the services rendered during the year by President George D. Beal.

Contact with Branches

Instructed the council to work out a plan by which each branch—local, student, or prospective—be visited by the president, a vice-president, or the secretary each year.

Dental Relations

Recommended that the committee on professional information pertaining to dental pharmacy of the association be continued.

(Continued on page 27)

Congress Left Much Undone

Drug Law Revision, Ad Control, Tidal Oil Rights, Flaxseed Prices Among Unfinished Business

WASHINGTON, Aug. 25, 1937.

The first session of the Seventy-Fifth Congress adjourned August 21 with a shorter record of legislation for its eight months' sitting than had any of the four preceding New Deal Congress sessions. The volume of unfinished business is so large that there is discussion of an extra session late in the Fall.

All bills left unenacted in this session retain their status during the adjournment.

Measures Enacted

The principal measures passed which affect business in one way or another include the following:—

Creation of Farmers Home Corporation to aid farm tenants and share croppers.

Extension of subsidized interest rates on Federal farm loan bank mortgages—passed over presidential veto.

Extension of soil conservation payments to farmers for four years.

Extension of AAA farm marketing agreement provision.

Marihuana taxing and control act.

Appropriation of $2,000,000 for control of plant diseases and insect outbreaks.

Extension of lending powers of Reconstruction Finance Corporation for two years.

Extension for two years of Treasury Department's $2,000,000,000 stabilization fund for international currency operation.

Extension for two years of President's powers to revalue the dollar.

Ratification of an international agreement for the regulation of whaling.

Extension for three years of President's authority to negotiate reciprocal trade agreements reducing American duties.

Extension of the neutrality act for two years.

Creation of a government monopoly in the production and sales of helium, permitting sales for medical purposes but with rigid restrictions on exports for commercial purposes.

Appropriation of $1,500,000,000 for unemployment relief.

Extension for three years of the Civilian Conservation Corps.

Extension of the Federal Surplus Commodities Corporation.

Creation of the Disaster Loan Corporation.

Reform of Federal court procedure to restrict injunctions against the operation of acts of Congress and to speed adjudication of constitutional questions.

Extension for two years of nuisance excise taxes including those on gasoline and toilet goods and the 3-cent letter postage rate.

Tax loophole-plugging bill increasing taxes on personal holding companies and other devices used for avoiding taxes.

Railroad retirement and railroad taxing acts.

Sugar taxing and quota bill, after elimination of proposed tax on blackstrap molasses for distillation.

Slum clearance and low cost housing bill.

Extension for two years of the interstate oil production compact.

Provision for retirement of supreme court justices on pensions.

Bituminous coal control bill.

Tydings-Miller resale price-maintenance bill.

Creation of National Cancer Institute in the Public Health Service.

Extension for two years of Connally hot oil act.

Provision for a census of unemployment.

Bills Still Pending

Among the major legislative proposals pending when Congress adjourned and which probably will be considered early in the next session are the following:—

Appointment of additional justice in the supreme court on the basis of age—killed by senate and probably will not be revived.

Black-Connery minimum wage and maximum hour regulation bill—passed by senate, reported by house committee, but not taken up in house.

Crop insurance—passed by senate.

Crop control and ever normal granary program—pledged for early action next session; meanwhile house and senate committees will conduct investigations among farmers.

Antilynching bill—passed the house

(Continued on page 27)

A.C.S. Will Meet in Rochester Sept. 6-10

Indications are that the meeting of the American Chemical Society to be held in Rochester, N. Y., September 6 to 10, will be one of the biggest in attendance, as well as in scope and interest, that this organization has ever had. The association will have its convention headquarters in the Seneca hotel, but the number of divisions and groups is so large that, as usual, their sessions will be held in other buildings in some instances.

A number of interesting symposiums are scheduled for this meeting. One of these will be devoted to the pertinent question, "Are patents on medicinal discoveries and on foods in the public interest?" Another symposium will have to do with vitamins; a third, with gaseous combustion; others will cover low-temperature research, uses of the polarizing microscope, geochemistry, kinetics of ignition, insulation materials, and characteristic properties of hydrocarbons and their derivatives as related to structure.

The presidential address of Dr. E. R. Weidlein will present the topic, "A World of Change." A special address on "The Uniqueness of Carbon" will be given by Prof. N. V. Sidgwick, of Oxford University. C. E. K. Mees, of the Eastman Kodak Company, will speak at the general meeting September 8 on "Recent Developments in Color Photography."

Fertilizer chemists have a program of nineteen papers. Paint chemistry will be treated in twenty-one papers; petroleum chemistry, in twenty-eight. The organics group has fifty-one papers scheduled; the physical and inorganic group has 107; and the industrial and engineering group, twenty-eight.

A golf tournament will be held in the afternoon September 9 at the Oak Hill Country Club, with a buffet supper and entertainment in the evening. A number of plant-inspection trips are planned; many other plants will be open to visitors.

Labor Unions Sued Under Sherman Act

Suit, charging violation of the Sherman anti-trust law, has been filed in the Federal court in Cleveland, Ohio, against fourteen local truck-drivers' unions. The complainant is the Interstate System Equipment Association, Detroit.

The basis of the suit is an allegation that for more than a year the truck-drivers' unions have forced trucks operated in interstate commerce to stop at the city limits of Cleveland and take on local union drivers to pilot them through the city. It is charged that the same practice has prevailed in other cities, including Buffalo, Indianapolis, Rochester, Syracuse and Toledo.

F.D.A. Position on Drug Names Stated

Trade Gets Official Notification And Associations' Note Is Answered

WASHINGTON, Aug. 26, 1937.

Official notice that the Food and Drug Administration is following a policy of strict application of regulation 14 (f) relating to names for drug products is contained in a letter to the trade issued over the signature of M. J. Wilson, Acting Secretary of Agriculture.

The letter was prepared as an answer to numerous inquiries reaching the department in recent months since the Food and Drug Administration turned its attention to the enforcement of this regulation, and declares that an unofficial drug will be deemed to be misbranded "if named after one or more, but not all of its physiologically active constituents." The fact that elsewhere upon the label, or in other printed matter, the complete formula is given does not justify a false title, the letter declared.

The Food and Drug Administration has made a formal reply to the memorandum on the subject of drug names recently submitted to it by a joint committee of the American Drug Manufacturers Association and the American Pharmaceutical Manufacturers Association. The reply has not been made public, but officials say that, if the joint committee does not do so within a reasonable time, the department probably will release important sections of it in some form because it sets forth the views of the department and may be of value to the trade generally.

The letter signed by Acting Secretary Wilson is as follows:—

From time to time inquiries are received regarding regulation 14(f) for the enforcement of the food and drugs act. This regulation reads as follows:

"An article containing more than one food product or active medicinal agent is misbranded if named after a single constituent. In the case of drugs the nomenclature employed by the United States Pharmacopeia and the National Formulary shall obtain."

The first sentence of the regulation is based upon the requirement of the act which defines as misbranded any food or drug, the package or label of which bears any statement, design, or device which is false or misleading in any particular. In view of this specific provision of the law, a drug other than those listed in the United States Pharmacopeia or National Formulary will be deemed to be misbranded if named after one or more, but not all, of its physiologically active constituents. The fact that elsewhere upon the label, or in other printed matter, the complete formula is given does not justify a false title.

The second sentence of the regulation means that titles recognized in the United States Pharmacopeia and National Formulary shall be employed in labeling drugs listed in those official texts. Upon the deletion of titles from the United States Pharmacopeia and National Formulary, such drugs become subject to regulation as other unofficial preparations.

In so far as they are inconsistent herewith, food inspection decision 63 and other announcements are hereby revoked.

Food inspection decision No. 63 which is modified by this letter was issued April 10, 1907, and is considered a somewhat stricter interpretation of regulation 14(f) than that currently being applied. It was revoked as far as it is inconsistent in order to clarify the present policy of the Food and Drug Administration.

N.Y. Narcotic Force Enlarged

Three new investigators have been appointed for the Board of Narcotic Control of the Department of Health of the State of New York. They are all graduate pharmacists, two of them of Brooklyn, one of this city. The narcotics bureau was extended by the recent legislature, chiefly for the purpose of stamping out the marihuana evil.

Closing Market Developments

Tin Salts Quiet

Business in the market for Straits tin was quiet at the close of the week. Sellers were quoting 58⅝c. per pound. Soda stannate was 37½c. to 40½c. per pound; tin crystals, 42c. to 42½c. per pound; anhydrous tetrachloride of tin, 29½c. per pound, and tin oxide was unchanged at 60c. to 62c. per pound.

Stearic Acid Lower

Stearic acid was reduced ½c. by makers late on Friday to 12½c. per pound for double pressed in car lots. Red oil was reduced ¾c. to 10c. per pound, in tankers. The reduction in prices was due to the decline in tallow.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Alcohol, Denatured:—Palestine has prohibited the importation of denatured alcohol, effective May 21.

Animal Fat Residues:—Cuba has reduced the rates of duty on residues of animal fats with more than 60 percent of free fatty acids imported for the use of the Cuban mining industry, from 80 cents to 20 cents per 100 gross kilos for imports of United States origin, and from $1 to 25 cents per 100 gross kilos under the Cuban minimum tariff schedule. A surtax of 3 percent of the duty also applies.

Beverage Powders:—Dominican Republic, by customs circular of August 6 and effective 45 days afterward, has changed the import-consumption tax classification of powdered beverage preparations, such as cocomalt, "Ovaltine," "Toddy," "Vitavosa," and similar products, to make them taxable at a rate of 30 cents per gross kilograms, instead of 10 percent ad valorem.

Peppermint, Spearmint Oils Output Larger

Production of peppermint and spearmint oils in Indiana, Michigan, Ohio, Oregon and Washington is estimated at 964,000 pounds for this year, according to a survey made by the Bureau of Agricultural Economics of the Department of Agriculture. This estimated figure compares with reported production of 957,000 pounds in 1936, increase of 7,000 pounds. The estimate for this year, however, is 29 percent smaller than the production of 1,352,000 pounds in 1935. Michigan is expected to produce as much oil this year as in 1936; Indiana and Ohio expect larger yields than a year ago; but Oregon and Washington expect an output well below that of 1936. The following figures include some spearmint oil:—

Production

	Pounds		
	1937.	1936.	1935.
Indiana	363,000	270,000	462,000
Michigan	487,000	560,000	805,000
Ohio	24,000	13,000	18,000
Oregon	60,000	*79,000	48,000
Washington	30,000	*35,000	19,000
Totals	964,000	957,000	1,352,000

* Revised.

Acreage

	Acres		
	1937.	1936.	1935.
Indiana	13,200	*13,500	17,000
Michigan	17,400	20,000	23,000
Ohio	800	600	450
Oregon	1,700	*1,970	1,200
Washington	720	610	420
Totals	33,820	*36,680	42,070

* Revised.

Data concerning growing conditions were obtained by the bureau for Indiana, as of August 6; Michigan, as of August 6; Oregon and Washington, as of August 4. These data follow:—

Indiana:—Wet weather did material damage to poorly drained fields in Indiana. Some fields were abandoned because of weeds. Most growers reported heavy foliage but a light production of oil. Reports on the spearmint crop indicate a yield comparable to peppermint.

Michigan:—Excessive moisture reduced the Michigan acreage 13 percent below the 1936 harvested acreage. Planting intentions could not be carried out this spring in many cases because of wet fields. Weeds have been a problem through the season and in some sections cutworms and beetles have done considerable damage. Most growers reported an abundant top growth but yield of oil is generally disappointing.

Oregon:—There has been a decrease in peppermint acreage in Oregon on account of damage to the roots from freezing temperatures last Winter. The dry Fall of 1936 left the roots in very poor condition and the cold wet Spring which followed materially reduced the stand. Some of the acreage was so badly damaged by frost and wet weather that it was plowed up. Continued hot weather will draw out the oil and increase the yield. Harvesting has begun in some areas.

Washington:—Peppermint acreage in Washington has been increased slightly over that of a year ago. Indications point to a lower yield this year than in 1936. Some acreage was damaged by Winter frosts. The cold, wet Spring retarded growth and thinned the stands. Recent weather has been more favorable. Continued hot weather will draw out the oil and increase yields. Harvest will begin about August 10.

Chemical Price Average Higher

The greater weight of price changes was on the upside in the markets for heavy and fine chemicals last week. Higher averages were recorded for fine chemicals and fertilizer materials. Business continued quiet on the whole, but the price situation was firm because the dullness was strictly seasonal and orders coming in indicated substantial activity in September.

Shortages continued in phenol, cresylic acid, and manganese ore. Demand for benzol was heavy.

Prices were advanced on argols; cream of tartar, superphosphate, and menthol. Prices of dry white lead, basic carbonate and basic sulphate, will be raised ½ cent per pound August 31, the first change on this article since April. Quotations on tungsten derivatives were nominal. Prices of tin salts were barely steady. Prices were reduced on sulphanilamide, resale Chesapeake menhaden scrap, Japanese sardine meal, dried blood (Chicago), imported dried blood, and domestic and imported raw bone and tankage.

The REPORTER'S composite index number of prices for heavy and fine chemicals rose to 127.2 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 90.0, compared with 88.7 at this time last year.

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Lueders Honors Buehler For 25 Years of Service

Frederick G. Buehler, secretary and director of George Lueders & Co., essential oils and aromatic chemicals, this city, twenty-five years ago entered the employ of the Lueders company as errand boy. August 24 was the anniversary of the beginning of that employment, and on that day he became a member of the Quarter Century Club of the organization. He was the twenty-fourth employee to become a member, and is the youngest ever to be accorded the honor. He is forty years of age. The average length of service of club members is thirty-nine years—a fact the more interesting because George Lueders & Co. was founded by the late George Lueders fifty-two years ago.

Frederick G. Buehler

Edward V. Killeen, president of the company, bestowed on Mr. Buehler the badge of honor worn by all members of the Quarter Century Club, and also a wrist watch of exquisite design and workmanship, suitably engraved to commemorate the occasion. Mr. Buehler's fellow workers presented him with a complete silver service and cocktail shaker.

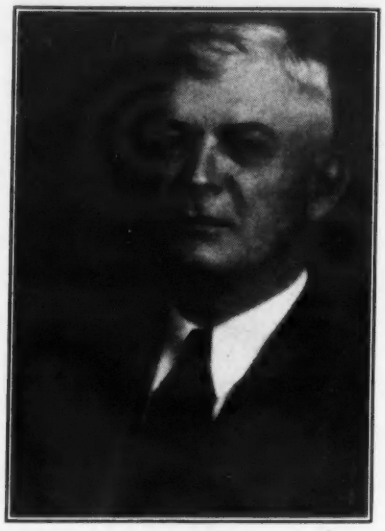
Flowers banked his office when Mr. Buehler arrived last Tuesday morning, and at noon the entire force of employees gathered in the office for the formal presentation. Mr. Killeen stressed certain qualities that had made for Mr. Buehler's success. He said that keen desire to learn, remarkable ability to absorb knowledge, avidity as a student of the company's affairs, plus a personality at once pleasing and endearing were qualities which the stripling youth in 1912 brought to his first job as errand boy. They had expected much of the boy, said Mr. Killeen, because of the fine background and high standards inherited from his father, the late Adam Buehler, who served the Lueders company more than forty-four years as traffic manager.

Addressing himself to the younger members of the company staff, Mr. Killeen declared that the opportunity to rise from the humblest position to the highest in the organization was as real today as it had been in Mr. Buehler's youth. He emphasized strongly that the theory that, in order to succeed, an employee must have a friend among the directors or officersof the company, had been exploded 100 percent so far as the Lueders company was concerned. He closed by saying that Mr. Buehler was the first and youngest member of the Quarter Century Club to rise from the lowest office position to that of an officer and director, and predicted that he would go higher. After the office celebration, Mr. Buehler was entertained at luncheon in the Drug and Chemical Club by his friend, and president, Mr. Killeen.

Mr. Buehler serves as purchasing agent for the company, but also has activities too numerous to be easily classified and recorded, according to Mr. Killeen. Mr. Buehler was born on June 25, 1897, in this city. Seventeen years ago he was married to Miss Maude Wheeler, of Richmond Hill, Long Island, and he is the father of two boys and a girl. Asked regarding his hobbies, he said that swimming was his favorite sport, to which he devotes many hours during the Summer season.

Monsanto Chemical Co. Elects Hawn Vice-Pres.

R. J. Hawn, a director of manufacture with several plants of the Monsanto Chemical Company under his supervision, has been elected vice-president of the company, with headquarters at Monsanto's Anniston, Alabama plant.



R. J. Hawn

Among the works under his supervision is the company's new phosphorus plant at Monsanto, Tennessee.

Mr. Hawn's industrial career parallels the growth of the company, as he was graduated from the University of Wisconsin in 1901, the year that Monsanto was founded. He was vice-president of the Swann Corporation, Birmingham, Alabama, prior to its absorption by Monsanto in 1935. He has had wide experience in the design, construction, operation and management of various chemical and cement plants. He was formerly vice-president of the Virginia Portland Cement Company and served in the same capacity with the Phoenix Portland Cement Company with plants in Alabama and Louisiana. From 1916 to 1919 he was in charge of construction and operation of the plant of the Oakland Chemical Company, Staten Island, New York. His home is in Birmingham, and he has a son and a daughter.

Drug-Chemical Outing Transportation Arranged

For the transportation of those who are going to the Shawnee outing, the committee of the Drug, Chemical and Allied Trades Section of the New York Board of Trade has arranged to have a special train on the Lackawanna railroad. Connections for this train will leave the uptown or downtown Hudson tube stations and the D. L. & W. ferries at 4:30 p.m., D.S.T., Thursday, September 16.

Robert B. Magnus, chairman of the transportation committee, reports that the various features of this train will include the famed Lackawanna Buffet No. 785. The round-trip fare, going on the special and returning within ten days, will be $2.40, a considerable saving, Mr. Magnus says. A "snack" will be served enroute. Buses will meet the train at Water Gap and get the party to the Buckwood Inn in time for dinner.

Reservations for transportation are to be made with the secretary of the session, Ray Schlotterer, 41 Park Row, this city. Mr. Schlotterer is also in charge of reservations of accommodations in the Buckwood Inn for the period of the meeting, which will continue until the night of September 18.

Twin-bedded rooms are available in the inn at the following daily rates for one person:—With running water, $7; with connecting bath, $8; with private bath, $9.

This annual event of the drug and chemical section will comprise two business sessions in the forenoons of September 17 and 18, golfing in the afternoons and a banquet Saturday evening.

Pharmaceutical liquid extracts without alcohol have been placed by Greek import quota restrictions in the group of products subject to the world import quota of 50,000,000. Imports of such products were formerly subject to special permits.

World Narcotics Output Drops

League of Nations Finds Decreases of 38 to 82% From 1929 to 1935—Excess Minimized

WASHINGTON, Aug. 24, 1937.

Striking evidence of the results of the increasingly effective application of the Geneva Opium Convention of 1925 and the limitation convention of 1931 is disclosed by statistics compiled by the League of Nations Opium Advisory Committee at its twenty-second session in Geneva May 24 to June 12. The report of the committee to the League council has just been received in the United States.

The United States government was represented on the committee by Stuart J. Fuller, assistant chief of the Far Eastern Division of the Department of State, who served in an expert and advisory capacity, and by Harry J. Anslinger, Commissioner of Narcotics, who served as expert assistant.

Statistics compiled under the two conventions show world manufacture of principal narcotic drugs from 1929 to 1935 as follows:—

	Metric tons						
	1929.	1930.	1931.	1932.	1933.	1934.	1935.
Morphine	57.85	38.63	30.45	27.58	29.99	26.77	30.91
Diacetylmorphine	3.65	4.08	1.24	1.31	1.34	1.11	0.67
Cocaine	6.43	5.83	4.61	3.96	4.01	3.43	3.97

Production Not Excessive

In commenting on these statistics the report of the advisory committee says:—

The yearly average of world legitimate needs of morphine, diacetylmorphine and cocaine for the period 1931 to 1935 was 29, 1.16 and 3.99 tons, respectively. The yearly average of the amounts manufactured of these thre drugs for the same period was practically the same. It follows that world legitimate needs were fully met during the period 1931 to 1935 and that world manufacture during that period showed a distinct tendency to approximate to world consumption.

This tendency of world manufacture during the period 1931-1935 to become stabilized at the level of the legitimate world requirements cannot be justly appreciated without a comparison of the normal situation during that period with the position which existed before 1931. Before 1931 world manufacture of the three drugs was considerably in excess of legitimate world requirements for morphine for the period 1931 to 1935, that is, 29 tons, is considered to hold good for the period preceding 1931, it will be found that world manufacture of morphine amounted in 1929 to double the legitimate world requirements and that in 1930 it still exceeded those requirements by about a third.

World manufacture of diacetylmorphine exceeded world consumption in 1929 and 1930 by 1.53 tons and 2.19 tons respectively. For cocaine, the excess of manufacture over consumption was 1.51 and 1.18 tons respectively.

Illicit Manufacture Checked

The full gravity of the situation existing prior to 1931 is shown by the fact that during the years 1929 to 1930 the illicit traffic in morphine increased to a far greater extent than was realized at the time. At least 90 tons of morphine manufactured during that period in excess of legitimate world requirements passed into the illicit traffic. Generally speaking, the excess quantities which were formerly left over from illicit manufacture to become available for the illicit traffic have disappeared since 1931 and that year accordingly marked a turning point in the campaign against the abuse of drugs.

Side by side with the stabilization of the manufacture of morphine at the level of legitimate requirements during the period 1931 to 1935, there was also a stabilization in the use of raw opium for the manufacture of morphine, the yearly average of raw opium used for that purpose during the period being 242 tons; whereas, approximately 520 tons of raw opium were used in 1929 and 347 tons in 1930.

The committee noted with interest that during the period 1931-1935 the annual stocks of morphine compared with consumption of this drug were sufficient to meet world consumption for from twelve to fourteen months, a situation which might be regarded as normal. Stocks of diacetylmorphine and cocaine have always been lower than the quantities required for consumption in any year, and in some years stocks were rarely sufficient for eight months' consumption.

In conclusion, an examination of the statistics for the five-year period 1931-1935 shows clearly that, as the result of a stricter and more general application of the international opium conventions, not only has the total volume of illicit manufacture of drugs been considerably reduced, but that this manufacture shows a strong tendency to become stabilized at the level of legitimate world requirements.

Only three countries, Argentina, Paraguay, and Ethiopia, are now parties to no international opium convention. In addition, the following countries are not parties to the limitations convention: Albania, Bolivia, Iceland, Latvia, Liberia, Union of South Africa, and Yugoslavia.

Reviewing the work of the league's narcotics supervisory body, the committee reported that the wide divergences formerly shown between the governmental estimates and the actual needs are being gradually closed, and the governments tend increasingly to bring their estimates down to the level of the real requirements of their respective countries.

The narcotics situation in the Far

(Continued on page 27)

Gypsum Industry Makes Big Gain

Output Rises 42.5 Percent Above 1935 Production and Sales Increase 39 Percent

The output of crude gypsum rock and gypsite in the United States in 1936 rose 42.5 percent above the 1935 output, exceeding the tonnage reported for any year since 1930, and sales increased 39 percent above the 1935 figures, according to a final report on the industry for 1936 made by the Bureau of Mines.

The domestic output amounted to 2,712,510 short tons, compared with 1,903,880 tons in 1935, and this was augmented by imports of 661,595 tons, making the apparent supply 3,374,105 tons compared with 2,354,130 tons in 1935.

Calcined gypsum sold for manufacturing purposes, principally to plate glass, terra cotta and pottery works, amounted to 100,165 tons valued at $897,735 in 1936, which was 21 percent higher in quantity and 11.8 percent higher in value than in 1935.

By far the largest market for domestic uncalcined gypsum, portland cement mills took 641,354 tons, 41.4 percent of the total reported uncalcined sales of 752,625 tons in 1936. Following the trend in consumption of all fertilizers, the tonnage of agricultural gypsum sold increased slightly.

Salient statistics on gypsum and gypsum products in the United States in 1936 and 1935 follow:—

	1936.	1935.
Crude gypsum—		
Mined, short tons	2,712,510	1,903,880
Imported, short tons	661,595	450,250
Apparent supply, short tons	3,374,105	2,354,130
Sales by domestic plants*—		
Raw gypsum†		
Short tons	830,683	595,130
Value	$1,865,673	$1,329,140
Gypsum products—		
For building purposes—		
Short tons	‡2,102,306	‡1,465,311
Value	$30,061,901	$21,499,934
For manufacturing uses—		
Short tons	108,032	87,657
Value	$1,026,984	$858,071
Total gypsum products sold—		
Short tons	2,210,338	1,552,968
Value	$31,088,885	$22,358,005
Grand total sales—		
Short tons	3,041,021	2,148,098
Value	$32,954,558	$23,687,145
Gypsum products imported‡—		
Short tons	1,844	1,906
Value	$26,531	$28,094
Exports—		
Plaster board, etc.—		
Square feet	.....	1,929,348
Value	.....	$42,465
All other¶—		
Short tons	.....	9,245
Value	.....	$143,731

* Gypsum and gypsum products produced from rock of both domestic and foreign origin.

† Includes calcined gypsum sold to other manufacturers and for miscellaneous uses.

‡ Includes ground and calcined gypsum and Keene's cement, but not "manufactures of which plaster of paris is the component material of chief value n.s.p.f." (principally statues, art goods, and novelties).

¶ Includes raw and calcined gypsum and gypsum products.

Cadmium Output in 1936 Reaches All-Time High

Rapidly increasing interest in cadmium in the last two years, created by largely growing demands for the metal by the automobile and other industries, has resulted in an indicated production in this country in 1936 of 3,654,000 pounds of primary metallic cadmium, a new all-time high record, and topping the previous record of 1935 by 5 percent, according to a preliminary report on the industry by the Bureau of Mines. Sales in 1936 were 3,637,000 pounds, a drop of 387,000 pounds from the sales of 1935, but with the exception of those for 1935, were the highest on record.

The record-breaking demand for cadmium in 1935 drew largely on stocks in the hands of producers, sales for 1935 being 546,809 pounds higher than production. Depletion of stocks in 1935 made it impossible to supply the excess of demand over production in 1936 from stocks.

The Bureau of Foreign and Domestic Commerce reports that imports of cadmium during the first eleven months of 1936 totaled 531,318 pounds, compared with 185,387 pounds in the entire year 1935, indicating an increase in imports of possibly 394,000 pounds for the year. Thus, the increase in imports, together with larger domestic production, more than made up for the drop in sales in 1936 and the indicated amount of cadmium available for consumption appears to have increased very slightly in 1936.

In addition to metallic cadmium, a record-breaking production of cadmium in compounds is reported to have been made. Total cadmium in compounds produced in 1936 was estimated as 620,000 pounds, compared with 507,400 pounds in 1935, and was 9 percent larger than the previous record output made in 1934. The principal compounds reported for 1936 were cadmium sulphide, cadmium oxide, cadmium lithopone and cadmium selenide.

Kentucky Cosmetics Tax Goes to Supreme Court

The question of the validity of the Kentucky tax on sales of cosmetics is to be carried to the Supreme Court of the United States. The tax law has been upheld by the Court of Appeals of Kentucky, but its validity is contested on the grounds that the tax is in effect a burden on interstate commerce. The tax rate is 20 percent of the invoice value of a cosmetic.

Costa Rica Admits Ammonia For Refrigeration Duty Free

The Costa Rica congress has granted the Pacific Refrigeration Company permission to import duty free, ammonia for its plant at Puntarenas, operation of which was held up because the company contended it could not operate profitably and pay the duty. The company, a subsidiary of the California Tuna Packers' Association, has a plant with a capacity for freezing 400 tons of tuna a day, and will base about 150 fishing boats at Puntarenas. After freezing the fish will be shipped north. Costa Rica collects $1 a ton on all fish landed at Puntarenas for freezing.

Coaltar Derivative Trade Is Intensified by Germany

Official regulation of the coaltar derivative trade by Germany has been further intensified through a new decree requiring all coaltar distillation plants to produce, under precise regulations, the maximum possible amounts of phenols, cresols, and naphthalene from their output of light and medium tar oils, according to information received by the Department of Commerce from the consul at Frankfort-on-Main.

If the distillation plants producing the oils are not equipped to recover the cresols and phenols, they are then required to deliver the oils without delay to other officially recognized plants provided with suitable recovery equipment. The decree also endows the trade control authorities with extensive powers for compelling the realization of the decree's purpose, such as regulation of wholesale distributors, examination of accounting records, and ascertainment of output of raw-tar and distilled products.

Gen. Hugh S. Johnson will begin, September 27, a series of news commentaries in a radio program sponsored by Grove Laboratories, Inc., medicine manufacturer, St. Louis. He will be on the air four times a week.

ZINC STEARATE

to meet YOUR SPECIAL REQUIREMENTS

Zinc Stearate, U. S. P. XI is a bulky material of about 160 fluid ounces per pound. It is a splendid dusting powder and makes fine face powders, creams, and other pharmaceutical preparations. It is very soft and fine, and clings tenaciously to the skin. The base content is sufficient for odor stability. Used as an anti-sticking agent, it prevents rubber surfaces from adhering to each other. Since this Zinc Stearate is a commercially pure chemical compound, it will give you uniform results on each successive batch. It is manufactured to rigid chemical standards, and each lot sold must pass the same tests.

Mallinckrodt Stearate Research Has Solved Many Problems

Mallinckrodt research chemists have long applied themselves to the study of Stearates. New Stearates, especially suited physically and chemically to various requirements of industry, have been developed; new uses have been found; manufacturing processes have been improved and standardized at new high levels of efficiency. Mallinckrodt will gladly send you full details about any of the Stearates.

Other Mallinckrodt Stearates For Industrial Uses:

Aluminum Stearates
- Technical M
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Magnesium Stearate
- Impalpably Powdered

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MANUFACTURERS OF FINE STEARATES AND OTHER CHEMICALS FOR INDUSTRIAL, ANALYTICAL, MEDICINAL, AND PHOTOGRAPHIC PURPOSES

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)			
Acetal, dms., works	lb.	.75	- 1.00
Acetaldehyde, dms., c.l., works	lb.	.14	- —
l.c.l., works	lb.	.16	- —
Acetamide, CP, bots., kegs, c.l., works	lb.	.35	- —
l.c.l., 1,000 lbs., works	lb.	.43	- —
smaller lots, works	lb.	.48	- 1.00
tech., kegs, c.l., works	lb.	.32	- —
l.c.l., 1,000 lbs., works	lb.	.38	- —
smaller lots, works	lb.	.43	- .75
Acetanilide, tech., 95%, bbls.	lb.	.24	Nom.
USP, bbls., 1,000 lbs	lb.	.25	- —
smaller lots	lb.	.26	- —
kegs, 1,000 lbs	lb.	.26	- —
smaller lots	lb.	.27	- —
Acetin, tech., dms	lb.	.33	- —
Acetoacetanilide, dms	lb.	.65	- .70
Acetone, CP, dms., c.l., dlvd.	lb.	.06	- —
l.c.l., dlvd	lb.	.06½	- —
tanks, dlvd	lb.	.05	- —
Methyl (see M)			
Acetophenone, bots	lb.	1.30	- 1.45
cns., 25 lbs	lb.	1.15	- 1.25
dms., 100 lbs	lb.	1.05	- —
Acetphenetidin, bbls., kegs, 1,000 lbs.	lb.	1.30	- —
single pkg	lb.	1.35	- —
smaller pkgs	lb.	1.32	- 1.40
Acid, abietic, bbls., c.l.	lb.	.09¾	- —
l.c.l.	lb.	.10	- —
Acetic, coml. or redist., 28%, bbls.	100 lbs.	2.53	- 2.78
cbys.	100 lbs.	3.03	- 3.28
56%, bbls.	100 lbs.	4.75	- 5.00
cbys.	100 lbs.	5.25	- 5.50
70%, bbls.	100 lbs.	5.92	- 6.17
cbys.	100 lbs.	6.40	- 6.65
80%, bbls.	100 lbs.	6.74	- 6.99
cbys.	100 lbs.	7.24	- 7.49
glacial, nat., CP., cbys.	100 lbs.	14.00	- —
99.5%, nat., bbls., c.l.,	100 lbs.	8.70	- 8.95
cbys.	100 lbs.	9.20	- 9.45
syn., al. dms., c.l.	100 lbs.	8.70	- 8.95
cbys.	100 lbs.	9.20	- 9.45
USP, reagent, 99.8%, al. dms.	100 lbs.	10.75	-11.00
cbys.	100 lbs.	13.75	-14.00
pure, 80%, bbls., c.l.	100 lbs.	3.60	- 3.85
cbys.	100 lbs.	4.10	- 4.35
36%, bbls., c.l.	100 lbs.	4.05	- 4.25
cbys.	100 lbs.	4.55	- 4.80
60%, bbls., c.l.	100 lbs.	6.79	- 7.04
cbys.	100 lbs.	7.29	- 7.54
80%, bbls., c.l.	100 lbs.	8.53	- 9.08
cbys.	100 lbs.	9.03	- 9.28

Acetic acid prices above apply delv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass, N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l.	lb.	.13	- —
l.c.l., dms., cbys	lb.	.14	- .15
Acetylsalicylic, USP, bbls., 225 lbs.	lb.	.50	- —
boxes, 25 lbs	lb.	.51	- —
kegs, 100 lbs	lb.	.50	- —
Anthranilic, refd., bbls.	lb.	.85	- .90
tech., bbls	lb.	.75	- —
Arsenous, tech. (see Arsenic, White).			
USP., powd., dms., kegs	lb.	.18	- —
Battery, cbys, c.l., E. works 100 lbs.		1.60	- —
l.c.l., 25 or more, E. works, 100 lbs.		1.85	- —
10-24, E. works	100 lbs.	1.95	- —
1-9, E. works	100 lbs.	2.55	- —
Benzoic, tech., bbls., 4,000 lbs. or more	lb.	.43	- —
1,000 to 3,900 lbs	lb.	.44	- —
900 lbs. or less	lb.	.47	- —
USP, bbls., 4,000 lbs. or more	lb.	.54	- —
1,000 to 3,900 lbs	lb.	.55	- —
900 lbs. or less	lb.	.58	- .59
dms., 4,000 lbs. or more	lb.	.55	- .56
1,000 to 3,900 lbs	lb.	.56	- .57
900 lbs. or less	lb.	.59	- .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd.	ton.	105.00	- —
c.l., delvd	ton.	110.00	- —
l.c.l., ex whse	ton.	115.00	-120.00
sks., contracts, 80 tons, delvd.	ton.	95.00	- —
c.l., delvd	ton.	100.00	- —
l.c.l., ex whse	ton.	105.00	-110.00
powd., bbls., contracts, 80 tons, delvd.	ton.	110.00	- —
c.l., delvd	ton.	115.00	- —
l.c.l., ex whse	ton.	120.00	-135.00
sks., contracts, 80 tons, delvd.	ton.	100.00	- —
c.l., delvd	ton.	105.00	- —
l.c.l., ex whse	ton.	110.00	-125.00

USP, $25 per ton higher.

Broenner's, bbls	lb.	1.11	- —
Butyric, 99%, dms., c.l., S. Charleston, W. Va.	lb.	.22	- —
l.c.l., same basis	lb.	.23	- —
tanks, same basis	lb.	.21	- —
Camphoric, cans	lb.	5.50	- 5.70
Capric, dms	lb.	.19½	- .20
Caproic, cans	lb.	2.20	- —
Carbolic (see Phenol).			
Castor oil, split, dms	lb.	.16	- .16½
Chlorosulphonic, dms., c.l., works	lb.	.0350	- —
5-drum lots, works	lb.	.04	- —
single drum	lb.	.05	- —
tanks, works	lb.	.03	- —
Chromic, 99%, dms., delvd. N.Y.,	lb.	.1475	- .1675
Cinnamic, refd., bots	lb.	2.85	- 3.25
Citric, cryst., bbls	lb.	.25	- —
kegs	lb.	.25½	- —
gran., bbls	lb.	.25	- —
kegs	lb.	.25½	- —
powd., bbls	lb.	.25½	- —
anhyd., gran., dms	lb.	.27½	- —
powd., dms	lb.	.28	- —

Prices on citric acid are f.o.b. N. Y., Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls	lb.	.50	- —
Cottonseed oil, dms	lb.	.09½	- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled	gal.	.89	- —
l.c.l., same basis	gal.	.91	- —
Acid, cresylic, low-boil, dms., c.l., works, frt. equaled	gal.	.92	- —
l.c.l., same basis	gal.	.94	- —
imported pale, 97-99, dms.	gal.	1.00	Nom.
special resin grade, dms., c.l., works	lb.	.10¾	- —
l.c.l., same basis	lb.	.11¼	- —
Crotonic, dms., works	lb.	.75	- 1.00
Diethylbarbituric (see Barbital).			
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l.	lb.	.11	- —
l.c.l., 25 and over	lb.	.1150	- —
1-24	lb.	.12	- —
inland territory, cbys., c.l.	lb.	.1185	- —
l.c.l., 25 and over	lb.	.1235	- —
1-24	lb.	.1285	- —
southern territory, cbys., c.l.	lb.	.1220	- .1290
l.c.l., 25 and over	lb.	.1270	- .1340
1-24	lb.	.1320	- .1390
Fumaric, bbls	lb.	.60	- —
Gallic, tech., bbls	lb.	.65	- .68
N.F., VI, bbls	lb.	.77	- .80
Gamma, bbls	lb.	.85	- —
Gluconic, tech., 50%, bbls., 500 lbs.	lb.	.20	- —
H, bbls	lb.	.50	- .55
Hempseed oil, dms	lb.	.1180	- .1225
Hydriodic, 47%, bots	lb.	2.20	- 2.25
57%, bots	lb.	2.65	- 2.70
Hydrobromic, 10% dilut., USP,	lb.	.20	- .21
pure, 34% conct, cbys	lb.	.42	- .44
Hydrochloric (see Muriatic).			
Hydrocyanic, cyls, works	lb.	.80	- 1.00
Hydrofluoric, 30%, bbls	lb.	.07	- .0750
lead, cbys	lb.	.09	- .0950
48%, lead cbys	lb.	.1150	- .12
52%, lead cbys	lb.	.1250	- .13
60%, lead cbys	lb.	.15	- .1550
Hydrofluosilicic, 30-35%, bbls.	lb.	.10½	- .15
Hypophosphorus, USP, 30%, djns.	lb.	.75	- —
Lactic, tech., dark, 22%, bbls., c.l., works	100 lbs.	2.50	- —
l.c.l., bbls., works	100 lbs.	2.75	- —
cbys., works	100 lbs.	3.75	- —
44%, bbls., c.l., works,	100 lbs.	5.50	- —
l.c.l., bbls., works	100 lbs.	5.75	- —
cbys., works	100 lbs.	6.75	- —
light, 22%, bbls., c.l., works,	100 lbs.	3.50	- —
l.c.l., bbls., works	100 lbs.	3.75	- —
cbys., works	100 lbs.	4.75	- —
44%, bbls., c.l., works,	100 lbs.	6.50	- —
l.c.l., bbls., works	100 lbs.	6.75	- —
cbys., works	100 lbs.	7.75	- —
50%, edible, 20 and over, bbls., cbys.	lb.	.10½	- .11½
plastic grade	lb.	.12¼	- .13¼
5 to 19, edible, bbls., cbys.,	lb.	.11	- .12
plastic grade	lb.	.12¾	- .13¾
1 to 4, edible, bbls., cbys.,	lb.	.11½	- .12½
plastic grade	lb.	.13¼	- .14¼
80%, 5 and over, bbls., cbys.	lb.	.21	- .22
1 to 4 bbls., cbys	lb.	.21½	- .22½
USP, X, 85%, cbys	lb.	.42	- .45
USP, VIII, 75%, cbys	lb.	.40	- .43
Laurent's, bbls	lb.	.45	- —
Linseed oil, dark or light, dms.	lb.	.1310	- .1350
tanks		.1250	- —
extra white, dms	lb.	.1125	- .1175
split, dms	lb.	.0950	- .1060
Maleic powd., dms	lb.	.30	- .40
anhydride, dms	lb.	.33	- .43
Malic powd., kegs	lb.	.45	- .60
Mandelic, bots	lb.	2.30	- —
fib. dms	lb.	2.05	- 2.20
Mixed, tanks, nitric unit	lb.	.06½	- .07⅛
sulphuric unit		.0085	- .009
Monochloroacetic, tech., bbls.	lb.	.16	- .17
99%, bbls.	lb.	.18	- .19
Monosulphonic, bbls.	lb.	1.50	- 1.60
Muriatic, 18°, cbys., c.l., E. works	100 lbs.	1.50	- —
l.c.l., 25 and over, E. works	100 lbs.	1.75	- —
10 to 24, works	100 lbs.	1.85	- —
1 to 9, works	100 lbs.	2.45	- —
tanks, works	100 lbs.	1.05	- —
20°, cbys., c.l., E. works,	100 lbs.	1.75	- —
l.c.l., 25 and over, works,	100 lbs.	2.00	- —
10 to 24, works	100 lbs.	2.10	- —
1 to 9, works	100 lbs.	2.70	- —
tanks, works	100 lbs.	1.15	- —
22°, cbys., c.l., E. works,	100 lbs.	2.25	- —
l.c.l., 25 and over, works,	100 lbs.	2.50	- —
10 to 24, works	100 lbs.	2.60	- —
1 to 9, works	100 lbs.	3.20	- —
tanks, works	100 lbs.	1.65	- —
C.P., U.S.P., dealers, cbys.	lb.	.06½	- —
6-lb. bots	lb.	.18½	- —
consumers, cbys	lb.	.08	- —
6-lb. bots	lb.	.20	- —
Myristic, dms	lb.	.14¼	- .15
white, redist., dms	lb.	.15¾	- .16⅛
Naphthenic, S.V. 120-200, dms.,	lb.	.07	Nom.
210-230, dms	lb.	.09	Nom.
240-280, dms	lb.	.10	Nom.
sludges, dms	lb.	.05	Nom.
Nevile & Winther's, bbls.	lb.	.85	- .87
Nitric, 36°, cbys., c.l., E. works,	100 lbs.	5.00	- —
l.c.l., 25 and over, E. works	100 lbs.	5.25	- —
10 to 24, works	100 lbs.	5.35	- —
1 to 9, works	100 lbs.	5.95	- —
38°, cbys., c.l., E. works,	100 lbs.	5.50	- —
Western works	100 lbs.	5.75	- —
l.c.l., 25 and over, E. works	100 lbs.	5.75	- —
10 to 24, works	100 lbs.	5.85	- —
1 to 9, works	100 lbs.	6.45	- —
40°, cbys., c.l., E. works,	100 lbs.	6.00	- —
l.c.l., 25 and over, E. works	100 lbs.	6.25	- —
10 to 24, works	100 lbs.	6.35	- —
1 to 9, works	100 lbs.	6.95	- —
42°, cbys., c.l., E. works,	100 lbs.	6.50	- —
Acid, nitric, 42°, cbys., l.c.l., 25 and over works	100 lbs.	6.75	- —
10 to 24, works	100 lbs.	6.85	- —
1 to 9, works	100 lbs.	7.45	- —
C.P., U.S.P., dealers, cbys.	lb.	.11½	- —
7-lb. bots	lb.	.22½	- —
consumers, cbys	lb.	.13	- —
7-lb. bots	lb.	.24	- —
Oleum (see sulphuric fuming).			
Oxalic, dom., bbls., c.l., works,	lb.	.10¾	- —
10,000 lbs., and over	lb.	.11	- —
smaller quantities	lb.	.12	- .14
Palm oil, dms	lb.	.08¾	- .09⅛
Phenylacetic, bots.	lb.	2.00	- 3.25
Phosphoric, tech., 50%, cbys.	lb.	.06	- —
75%, cbys.	lb.	.09	- —
USP, 85%, s. g. 1,710, cbys., 70 lbs.	lb.	.12	- —
djns., 25 lbs.	lb.	.15	- —
50% s.g., 1347, cbys., 70 lbs.,	lb.	.12	- —
djns., 25 lbs.	lb.	.15	- —
10%, dilut., cbys., djns.	lb.	.07	- .07⅛
Picramic, kgs	lb.	.65	- .70
Picric, bbls	lb.	.35	- —
Propionic ref., cbys., works	lb.	.25	Nom.
dms., works	lb.	.22	Nom.
tech., cbys., works	lb.	.20	Nom.
dms., works	lb.	.16	Nom.
Pyrogallic, tech., lump, powd., bbls.	lb.	.90	- —
cns	lb.	.95	- —
USP, cryst., cns	lb.	1.55	- 1.60
resubl., cns	lb.	1.90	- 2.00
Pyroligneous, bbls., dlvd. E. gal.	gal.	.25	- —
Ricinoleic, dms	lb.	.38	- —
tech., bbls	lb.	.13	- —
Salicylic, tech., bbls	lb.	.33	- —
USP, bbls.	lb.	.40	- .45
Sebacic, C.P., bbls., works	lb.	.58	- —
tech., bbls., works	lb.	.37	- .41
Soybean oil, dist, dms	lb.	.10½	- .11½
Stearic, distil., double pressed, bgs., dlvd.	lb.	.12	- .13
single pressed, bgs., dlvd.	lb.	.11½	- .12½
triple pressed, bgs., dlvd.	lb.	.14¾	- .15¾
saponif., double pressed bgs., dlvd.	lb.	.12¼	- .13¼
triple pressed, bgs., dlvd.	lb.	.15	- .16
Succinic, bbls	lb.	.75	- —
Sulphanilic, CP, bots, works.	lb.	1.60	- 1.68
tech., dms., works	lb.	.17	- —
Sulphonaphthenic, dms	lb.	.04	- .10
Sulphuric, 60°, cbys., c.l., E. works	100 lbs.	1.25	- —
l.c.l., 25 and over, works,	100 lbs.	1.75	- —
10 to 24, works	100 lbs.	1.85	- —
1 to 9, works	100 lbs.	2.45	- —
tanks, E. works	ton.	16.50	- —
98%, tanks, works	ton.	17.50	- —
C.P., U.S.P., dealers, cbys.	lb.	.06½	- —
9-lb. bots	lb.	.16½	- —
consumers, cbys	lb.	.08	- —
9-lb. bots	lb.	.18	- —
fuming, 20%, tanks, E. works,	ton.	18.50	- —
65%, tanks, E. works	ton.	36.00	- —
Tannic, tech., bbls	lb.	.26	- .29
USP, fluffy, bbls., 1,000 lbs.	lb.	.78	- —
smaller lots	lb.	.80	- —
powd., bbls., 1,000 lbs	lb.	.68	- —
smaller lots	lb.	.70	- —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment	lb.	.24¾	- —
smaller quantities	lb.	.25¼	- —
kgs.	lb.	.25¾	- —
Tobias, bbls.	lb.	.65	- —
Trichloroacetic, bots.	lb.	2.00	- 2.50
Tungstic, CP, kgs	lb.	No prices	
tech., kgs	lb.	No prices	
Aconite leaves, bls	lb.	.32	- .33
Root, bls	lb.	.30	- .32
Aconitine, amorph., bots	oz.	17.00	-18.00
vls.	gr.	.06	- .09
cryst., bots	oz.	30.00	- —
vls.	gr.	.09	- .11
Adeps, lanae, anhyd., dms	lb.	.17½	- .19
hyd., dms	lb.	.16	- .18
Agar, 1, bls	lb.	1.15	- 1.20
2, bls	lb.	1.05	Nom.
3, bls	lb.	.85	- .90
Agaric, white, bls	lb.	3.00	- 3.25
Albumen, blood, dark, flake, bgs., c.l., f.o.b. Chicago, frt. alld.	lb.	.11	- —
l.c.l., bgs., same basis	lb.	.13	- .15
pow'd, grade A, same basis, ton lots	lb.	.15	- —
smaller lots, Chicago	lb.	.18	- —
light, dom., flake, dms., Chicago	lb.	.52	- .60
import, bgs	lb.	.50	- —
Egg, ed., dom., bbls	lb.	1.05	Nom.
import, cs	lb.	.80	Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms.,	c.l., frt. alld.	lb.	.133	- —
l.c.l., frt. alld.	lb.	.143	- —
tanks, frt. alld.	lb.	.123	- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts.	lb.	.09½	- —
l.c.l., same terms	lb.	.10	- —
tanks, same terms	lb.	.08½	- —
Benzyl, cans	lb.	.70	- —
drums	lb.	.63	- —
Butyl, normal, dms., c.l., frt. alld.	lb.	.10	- —
l.c.l., frt. alld.	lb.	.10½	- —
tanks, frt. alld.	lb.	.09	- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts.	lb.	.08	- —
l.c.l., same terms	lb.	.08½	- —
tanks, same terms	lb.	.07	- —
tertiary, denating, dms., frt. alld.	lb.	.14	- —
Capryl, pure, dms., works	lb.	2.50	- —
tech., dms., works	lb.	.85	- —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs.	lb.	1.50	- —
500 lbs.	lb.	1.70	- —
100 lbs.	lb.	1.80	- —
25 lbs.	lb.	1.90	- —
5 lbs.	lb.	2.00	- —
coml., dms	lb.	.95	- —
import, 85%, dms	100 lbs.	.55	- —
5 to 10 lbs	lb.	.75	- —
coml., dms., 350 lbs	lb.	.45	- —

Acacia—Alumina Acetate

Alcohol cinnamic, bots	lb.	2.00	- 2.50
Denatured, CD11, 12, 13, dms., c.l., works, E. frt. equal.	gal.	.35	- —
20 dms., East	gal.	.37	- —
1-19 dms., East	gal.	.40	- —
tanks, East	gal.	.29	- —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works	gal.	.34	- —
19 bbls., E. works	gal.	.36	- —
1 to 18 bbls., E. works,	gal.	.39	- —
dms., c.l., E. works	gal.	.33	- —
19 dms., E. works	gal.	.35	- —
1 to 18 dms., E. works,	gal.	.38	- —
tanks, E. works	gal.	.27	- —

Anhydrous, 5c. per gal. higher.

S.D., 23-g., works, E., dms., c.l.	gal.	.37½	- —
19 dms	gal	.39½	- —
1 to 18 dms	gal.	.42½	- —
tanks	gal.	.31½	- —

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c.l., E. works	gal.	.34	- —
20 dms., E. works	gal.	.36	- —
1 to 19 dms., E. works,	gal.	.39	- —
tanks, E. works	gal.	.28	- —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld.	lb.	.13½	- —
l.c.l., frt. alld	lb.	.14	- —
tech., contract, dms., c.l., frt. alld.	lb.	.12½	- —
l.c.l., frt. alld	lb.	.13	- —
Ethyl, 190 pf., ex molasses, bbls. c.l—gal.		4.13	- —
19 bbls	gal.	4.15	- —
1 to 18 bbls	gal.	4.18	- —
dms., c.l	gal.	4.12	- —
19 dms	gal.	4.14	- —
1 to 18 dms	gal.	4.17	- —
tanks	gal.	4.06	- —
absolute, dms., c.l	gal.	4.42	- —
19 dms	gal.	4.44	- —
1 to 18 dms	gal.	4.47	- —

Grain alcohol 45c. per gal. higher.

Furfuryl, tech., cns., works	lb.	.45	- —
dms., c.l., 23,000 lbs., works,	lb.	.30	- —
l.c.l., 500 lbs. and more, works	lb.	.35	- —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.10	- —
l.c.l., same terms	lb.	.13¼	- —
tanks, same terms	lb.	.12	- —
Isoamyl, prmary, dms., l.c.l., dlvd.	lb.	.27	- —
cans, works	lb.	.32	- —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies	lb.	.09¼	- —
l.c.l., same terms	lb.	.10	- —
tanks, same terms	lb.	.08½	- —
Isopropyl, denat., grd., dms., c.l., frt., alld.	gal.	.32	- —
l.c.l., frt., alld.	gal.	.33	- —
refd, 91% dms., c.l., f.o.b. dest.	gal.	.39¼	- —
l.c.l., same terms	gal.	.44½	- —
tanks, same terms	gal.	.54½	- —
98%, dms., c.l., same terms,	gal.	.44½	- —
l.c.l., same terms	gal.	.49¼	- —
tanks, same terms	gal.	.39¼	- —
tech., 91%, dms., c.l., same terms	gal.	.35	- —
l.c.l., same terms	gal.	.40	- —
tanks, same terms	gal.	.30	- —
98%, dms., c.l., same terms,	gal.	.39½	- —
l.c.l., same terms	gal.	.44½	- —
tanks, same terms	gal.	.34½	- —

Methyl (see Methanol)

Phenylethyl, bots., cns	lb.	1.50	- 2.50

Propyl (see Isopropyl)

Aldehol, denat., grade, dms., tanks, works	gal.	.70	- .80
Aldol, 95%, dms., c.l., works	lb.	.21	- —
l.c.l., works	lb.	.25	- —
Aletris root, bgs	lb.	.40	- .45
Alizarin (see Red, alizarin).			
Alkanet root, bgs	lb.	.10	- .11
Aloe, Barbados, true, cs	lb.	.85	- .90
Cape, cs	lb.	.18	- .19
Curacao, cs	lb.	.26	- .27
gourds, bbls	lb.	.50	- .51
Socotrine, kgs	lb.	.32	- .33
Aloin, 140 lb. bbls	lb.	1.80	- —
25 lb. kgs	lb.	1.82	- —
100 lb. fib., dms	lb.	1.89	- —
Alphanaphthol, bbls	lb.	.52	- —
Alphanaphthylamine, bbls	lb.	.32	- —
Althea root, cube cut, bls	lb.	.26	- .27
Alum, ammonia, burnt, USP, bbls.	kgs.	.16	- .18
gran., bbls., works	100 lbs.	3.00	- 3.25
dlvd. N.Y., Phila	100 lbs.	3.15	- —
lump, bbls., works	100 lbs.	3.25	- 3.50
dlvd. N.Y., Phila	100 lbs.	3.40	- —
powd., bbls., works	100 lbs.	3.40	- 3.65
dlvd. N.Y., Phila	100 lbs.	3.55	- —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works,	100 lbs.	3.25	- 3.50
dlvd. N.Y., Phila	100 lbs.	3.40	- —
lump, bbls., works	100 lbs.	3.50	- 3.75
dlvd. N.Y., Phila	100 lbs.	3.65	- —
powd., bbls., works	100 lbs.	3.65	- 3.90
dlvd. N.Y., Phila	100 lbs.	3.80	- —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls	lb.	.06½	- .06¾
Soda, bbls., c.l., works	100 lbs.	3.25	- —
l.c.l., dlvd	100 lbs.	4.25	- 5.00
Alumina acetate, C.P. 20% solut., bbls.	lb.	.09	- .10

Alumina Chlor.—Amyl Acetate

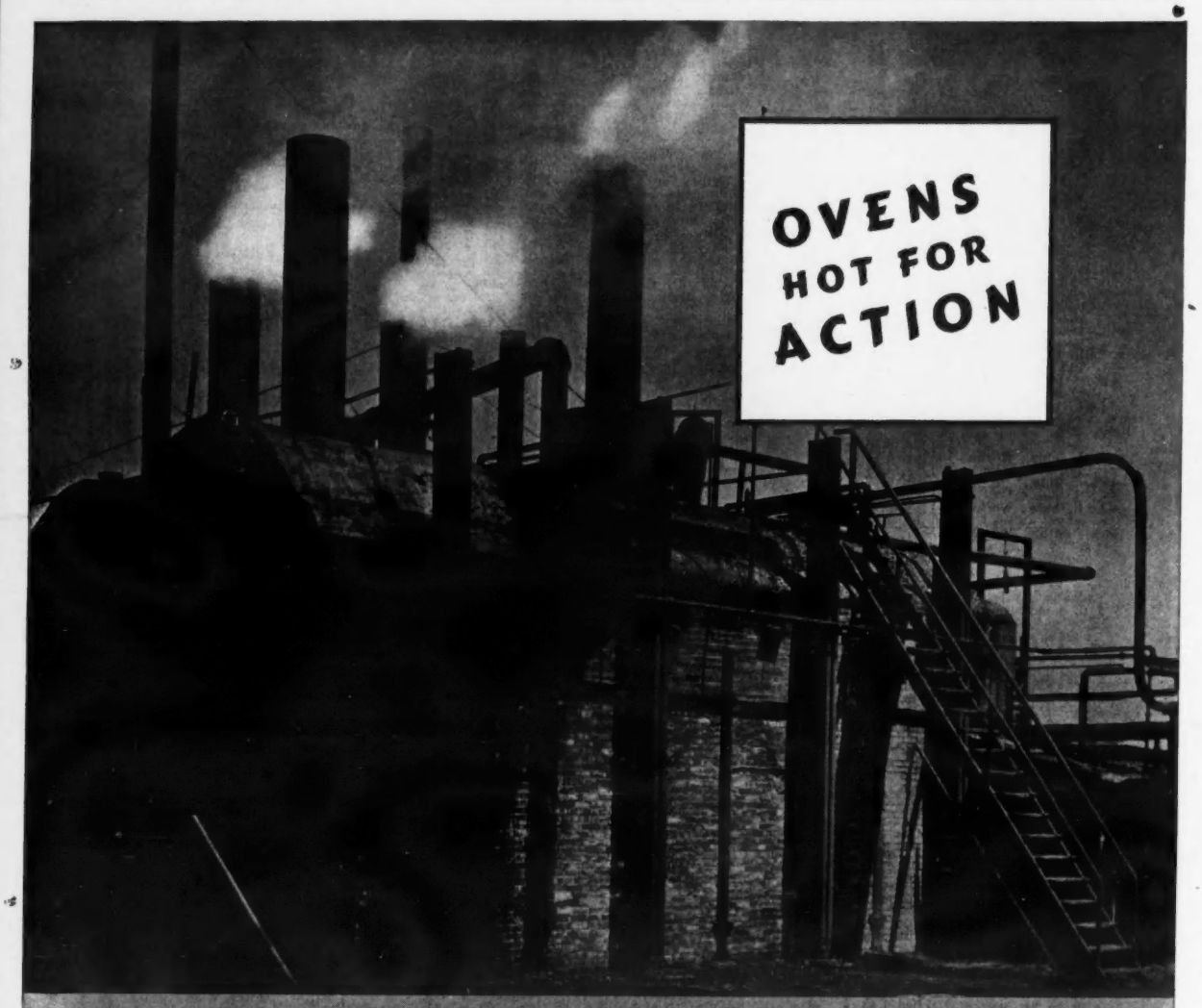
Alumina chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs., or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., dms., works.....lb. .06¼- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
less car lots, works....lb. .03½- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l bgs., c.l., works, frt. equaled..100 lbs. 1.35 - —
l.c.l., works, frt. equald. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.40
Alumina, sulphate, iron-free, truckloads, bgs.....100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.30 - —
bbls., c.l., works.....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - —
truckloads, dlvd., met. N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd., met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .20 - —
l.c.l. .....lb. .21 - —
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss..lb. .63½- —
5,000 lbs., same basis..lb. .64½- —
2,000 lbs., single shipt., same basis..lb. .65 - —
On 2,000-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 2,000-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.
ink, dms., 30,000 lbs., same basis..lb. .73½- —
5,000 lbs., same basis..lb. .74½- —
Aluminum, paste, ink, dms., 2,000 lbs., single shipt., same basis..lb. .75 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
powder, lining, extra fine, dms., 30,000 lbs., same basis..lb. .90½- —
5,000 lbs., same basis..lb. .91 - —
2,000 lbs., single shipt., same basis..lb. .92 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .55½- —
5,000 lbs., same basis..lb. .56½- —
2,000 lbs., single shipt., same basis..lb. .57 - —
split shipts. (see note fine lining paste).
litho, extra brilliant, dms., 30,000 lbs., same basis, lb. .41½- —
5,000 lbs., same basis.lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
extra fine, dms., 30,000 lbs., same basis..lb. .43½- —
5,000 lbs., same basis..lb. .46½- —
2,000 lbs., single shipt., same basis..lb. .47 - —
split shipts. (see note fine lining paste).
Aluminum, powd., litho, standard dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis..lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste).
wallpaper, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste)
rubber comp., dms., 30,000 lbs., same basis..lb. .38½- —
5,000 lbs., same basis..lb. .39½- —
2,000 lbs., single shipt., same basis..lb. .40 - —
split shipts (see note fine lining paste)
unpolished, dms., 30,000 lbs., same basis..lb. .35½- —
5,000 lbs., same basis..lb. .36½- —
2,000 lbs., single shipt., same basis..lb. .37 - —
split shipts. (see note fine lining paste)
varnish, extra brilliant, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste)
extra fine, dms., 30,000 lbs., same basis..lb. .45½- —
5,000 lbs., same basis.lb. .46½- —
2,000 lbs., single shipt., same basis..lb. .47 - —
split shipt (see note fine lining paste)
standard, dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis.lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste)
Ambergris, gray, tins.....oz. 17.00 -35.00
Amidopyrene, fib., dms., 100 lbs., lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.25
Ammonia, acetate, kgs.....lb. .26 - .33
Aldehyde, dms. .....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works..lb. .05 - —
pure, cyls., dlvd., met. N.Y., lb. .16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), dlvd., E..lb. .05 - .05¼
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .43
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more...lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd., N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .32 - —
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls..lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .11
powd., bbls., dms.....lb. .09 - —
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls.....lb. .11 - .16
kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, fib., dms....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.32 - —
jars .....lb. 3.25 - —
Laurate, bbls.....lb. .23 - —
Linoleate, 80%, anhyd., bbls.lb. .15 - —
Naphthenate, bbls.....lb. .17 - —
Nitrate, tech., bags, c.l., works, 100 lbs. 3.60 - —
bbls., works.....100 lbs. 3.75 - —
l.c.l., bags, works.....100 lbs. 3.85 - —
bbls., works.....100 lbs. 4.00 - —
Oleate, dms.....lb. .15 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .22½- —
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - —
Phosphate, dibasic, N.F.V., bbls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fertilizer grade), 11% N 48% phos., bulk, f.o.b. E. works..unit-ton. 1.20 & .70
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., f.o.b. ports or ovens, contr., 11-13 mos., Aug.-Oct., ton.26.50 - —
Nov.-Dec. .....ton.27.00 - —
Jan.-June 1938.....ton.27.50 - —

Ammonia sulphate contracts any 6-10 mos., through June 1938, $1 per ton additional; contracts any 1-5 mos., through June 1938 $2 per ton additional; spot prices $2 per ton additional. Bag packing charged extra at $1.30 per ton for 200's and $2 per ton for 100's. Deliveries in Ill., Mich., Ind., Ohio, Wis. and Ohio river destinations in Ky. are f.o.b. ovens freight allowed.

Sulphide, liquid, 35-40%, basis 100%, dms., works..lb. .12 - .15
tanks, delvd .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works..lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - .0670
white, gran., dom., bbls., contracts, works.100 lbs. 5.00 - 5.05
import, csks .....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11⅛- —
l.c.l., frt., alld.....lb. .12 - —
tanks, works .....lb. .10¼- —
ex pentane, dms., frt. alld..lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —



EVERY corner of industry is stirring with life and movement . . . and demands for chemicals, oils, pigments and allied products are mounting. Witco brings you assurance of prompt action in meeting your needs. Witco service is backed by extensive facilities for production and a full ability to give technical cooperation in selecting the right product for the right purpose, whatever your requirements. Mark the following for investigation:

WITCO CARBON BLACKS are made to meet individual requirements and to satisfy the most exacting demands for quality.

WITCO TITANIUM DIOXIDE sets a new standard of fineness, ease of grinding and uniformly neutral white color.

WITCO STEARITE is steadily growing in popularity because of its higher uniformity and greater economy.

WITCO CADMIUM REDS AND YELLOWS. High quality reds are available in shades of Light, Medium Light, Medium, Deep and Maroon. Yellows in Primrose, Lemon, Gold and Orange.

WISHNICK-TUMPEER, INC.
Manufacturers and Importers
NEW YORK . . . 295 MADISON AVENUE
CHICAGO . . . . . TRIBUNE TOWER
BOSTON . . . . . 141 MILK STREET
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Witco Affiliates: Witco Oil & Gas Company, The Pioneer Asphalt Company, Panhandle Carbon Company
BUY DIRECT AND PROFIT DIRECTLY

WITCO

Amyl acetate, secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works .....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works.lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.15 - 1.20
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .25 - .27
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .35 - .36
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .12 - .13
Star, bgs.....lb. .15 - .16
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .07¾- .08½
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, dom.....lb. .15¾- —
Chinese, duty paid.....lb. .15¾- —
Needle, powd., bbls.....lb. .13 - .15
Oxide, dom., bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .15¾- —
import, bbls. .....lb. .15½- .15¾
Salts, 65%, kgs.....lb. .23¾- .24
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c. lb., lb. .11½- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz.23.20 -23.70
Archil extract, conc., bbls....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .12
Arecoline hydrobromide, bots., oz. 5.60 - 6.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity..... 100 kilos.32.00 -34.00
Arnica flowers, bls.....lb. .27 - .28
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .08¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .47 - .48
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines—ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02¼- —
smaller lots, f.o.b. N. Y.lb. .06½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .06½- —
smaller lots, f.o.b. N. Y.lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points .....ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.49.50 - —
Jet, bgs., c.l., Western shipping points..ton.30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns. .....oz. 2.85 - —

B

Balm of Gilead buds, bgs.....lb. .38 - .40
Barberry bark, root bark, bgs..lb. .20 - .22
tree bark, bls.....lb. .10 - .11
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.44.00 - —
99%, 200 mesh, bgs., c.l., works..ton.47.00 - —
precip., bgs., c.l., works..ton.52.50 - —
bbls., works .....ton.57.50 - —
l.c.l., bgs., works.....ton.57.50 - —
bbls., works .....ton.62.50 - —
sulphur-free bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs. .....lb. .16½- .17½
Barium, chloride, C.P., cryst., bbls..lb. .19 - —
dms .....lb. .20 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line.....ton.72.00 - —
Zone 1, bbls., same basis, ton.74.00 - —
l.c.l., bgs., same basis, ton.85.00 - —
bbls., same basis..ton.87.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton.76.00 - —
bbls., same basis..ton.78.00 - —
l.c.l., bgs., same basis, ton.89.00 - —
bbls., same basis..ton.91.00 - —
Zone 3, bgs., c.l., dlvd. Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton.82.00 - —
bbls., same basis..ton.84.00 - —
l.c.l., bgs., same basis, ton.95.00 - —
bbls., same basis..ton.97.00 - —
Zone 4, bgs., c.l., dlvd. Wash., Ore., Calif., Nev..ton.78.00 - —
bbls., same basis..ton.80.00 - —
l.c.l., same basis....ton.91.00 - —
bbls., same basis..ton.93.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls. .....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85- —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .12 - .13
Bentonite, 200 mesh, bgs., Wyo. works..ton.11.00 - —
325 mesh, bgs., Wyo. works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. works. sellers'
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb.13.00 -13.25
Hydrochloride, cns.....lb.13.00 -13.25
Sulphate, cns.....lb.14.75 -15.00
Berberis root, bls.....lb. .13 - .15
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Bismuth, hydroxide, 5-lb. bots.lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb., bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
cns. .....lb. 3.25 - —
Subcarbonate, bots., cns.....lb. 1.32 - 1.58
fib. dms.....lb. 1.23 - 1.26
X-ray, 5-lb. bots.....lb. 2.52 - —
fib. dms.....lb. 2.46 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.22 - 1.48
fib., dms.....lb. 1.13 - 1.16
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots..lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12½- —
l.c.l., frt. alld. E.....lb. .13 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., bgs., c.l., frt alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls, bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd Zone C, Pac. Cst. States..lb. .0505- —
D (Ill., Ia., Wis.)..lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)...lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. 0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .07 - —
ctns., l.c.l., dlvd. all zones. lb. .07½- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05½Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1. bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4 ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c. l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3 bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b., N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y. lb. .04¼- —
B, bbls., works or N. Y....lb. .05¼- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .28 - .30
tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal..ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 3.50 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.15 - —
import, bgs., c.i.f. ports, Sept.-Oct. shipt..unit-ton. 3.40 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .13 - .14
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls, same basis, alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Celestial, bbls. .....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.45 - —

Amyl Acetate—Brown, Sienna

Blue, milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Ultramarine, dry, jobbing bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis.lb. .26 - —
B, bbls., same basis.lb. .23 - —
C, bbls., same basis.lb. .22 - —
D, bbls., same basis.lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basisNlb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse, is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes
Bluefiag root, bls.....lb. .15 - .16
Blue mass, USP.. cns.. kgs...lb. 1.00 - 1.05
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works.100 lbs. 5.15 - —
16-25 bbls., same basis. 100 lbs. 5.40 - —
6-15 bbls., same basis. 100 lbs. 5.50 - —
3-5 bbls., same basis, 100 lbs. 5.75 - —
1-2 bbls., same basis. 100 lbs. 5.90 - —
monohydrated, dms., c.l. dealers..lb. .10 - —
l.c.l., dealers.....lb. .11 - —
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.29.00 -30.00
c.i.f., Atlantic ports..ton.34.00 - —
import, bgs., c.i.f. ports..ton.32.00 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.25.00 -26.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.26.00 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton.22.00 -24.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.22.50 - —
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.52.00 - —
l.c.l., ex whse.....ton.61.00 -66.00
sks., contracts, 80 tons min., dlvd..ton.42.00 - —
l.c.l., ex whse.....ton.51.00 -56.00
powd., bbls., contracts, 80 tons min., dlvd..ton.57.00 - —
l.c.l., ex whse.....ton.66.00 -71.00
sks., contracts, 80 tons min., dlvd..ton.47.00 - —
l.c.l., ex whse.....ton.56.00 -61.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, same basis....lb. .10½- —
l.c.l., dealers, dms., same basis..lb. .10½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .12¼- —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points.....lb. .12¼- —
2, bbls., same basis....lb. .11¼- —
3, bbls., same basis....lb. .10¼- —
4, bbls., same basis....lb. .08¾- —
5, bbls., same basis....lb. .06¾- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07¼- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06¼- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, 1, bbls., f.o.b. N. Y. or works.....lb. .12½- —
2, bbls., same basis....lb. .10¾- —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .08½- —
7, bbls., same basis....lb. .07¾- —
8, bbls., same basis....lb. .07¼- —
9, bbls., same basis....lb. .06¾- —
10, bbls., same basis....lb. .06 - —
11, bbls., same basis....lb. .05 - —

Brown, Umber—Charcoal

Brown, umber, American, bbls., works..lb. .02⅞- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle..lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05⅝- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .50 - .51
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¼- —
import., stands.....lb. .15 - .16
Butanes, coml., 16-32°, tanks, group 3..gal. .02¼- .03⅜
Butternut bark, bls.....lb. .07½- .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld.lb. .10½- —
tanks, contract, frt. alld.lb. .09 - —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Alcohol (see Alcohol):—
Butyl, aldehyde, dms., l.c.l...lb. .17½- —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .17 - —
Stearate, dms.....lb. .26 - —
Butyric, ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms, frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, bots., jars.lb. 1.86 - 2.00
Iodide, bots.....lb. 4.16 - 4.21
Jars .....lb. 4.02 - —
Lithopone (see Yellow).
Metal, cs.....lb. 1.60 Nom.
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100 lb. dms., 10,000 lbs. or more..lb. 2.05 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.15 - —
100 lbs.....lb. 2.25 - —
25 lb. dms. 10,000 lbs., or more. lb. 2.08 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.18 - —
100 lbs.....lb. 2.28 - —
25 lbs.....lb. 2.40 - —
10-lb. cns., 10,000 lbs., or more..lb. 2.10 - —
2,000 lbs., or more.....lb. 2.15 - —
1,000 lbs., or more.....lb. 2.20 - —
100 lbs.....lb. 2.30 - —
less than 100 lbs.....lb. 2.45 - 2.60
5 lb. cns., 25 lbs., or more. lb. 2.40 - —
less than 25 lbs.....lb. 2.55 - 2.70
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots.....lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .45 - .50
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs., dlvd..... 100 lbs. 2.25 - —
Arsenate, dms., c.l., dealers, North and West..lb. .06¾- —
l.c.l., dealers.....lb. .07¼- —
Southern cotton State, dealers, dms., c.l...lb. .06½- —
l.c.l., dealers .....lb. .07 - —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, jars.....lb. .70 - .75
Carbide, dms .....lb. .05 - .06
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd., ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000 lb. lots..lb. 1.00 - —
smaller lots .....lb. 1.15 - —
cns., 25 lbs. .....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, USP., bbls., 200 lbs.lb. .25 - —
Nitrate, bgs., to fert. mfrs., ex vessel..ton.27.50 - —
Palmitate, bbls.....lb. .22 - .23
Calcium phosphate, dibasic, precip., 38-42% P_2O_5 bgs., c.i.f. Altantic ports, shipt, unit-ton. .75 - —
Calcium phosphate, tribasic, c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works, ton.52.00 - —
l.c.l., works .....ton.56.00 - —
83/85 CaS, c.l., works...ton.58.00 - —
l.c.l., works.....lb.04.00 - —
luminous, dom., tins, works, 100 lbs. .85 - —
smaller lots.....lb. 1.00 - —
Sulphocarbolate, bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs. .....lb. .50 - —
Calendula flowers, bls.....lb. .38 - .40
Calomel, bbls., fib., dms., kgs., lb. 1.59 - 1.60
Camphor, natural, powd., cs..lb. .55 - .56
slabs, cs. .....lb. .55 - .56
tablets, tins .....lb. .60 - .61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
tablets, imp.,cs., 2,000 lbs.lb. .54 - —
500 lbs.....lb. .55 - —
100 lbs.....lb. .56 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs....lb. .05½- .05¾
Morocco, bgs.....lb. .0565-.0590
Turkish, bgs.....lb. .0580-.0600
Canella alba bark, bls.....lb. .37 - .38
Cannabis, herb, bls.....lb. .18 - .20
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .90 - .95
Russian, cs.....lb. 1.25 - 1.30
powd., bxs.....lb. 1.60 - 1.65
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .07½- .08
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works.....lb. .80 - —
95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .85 - —
98.5-99%. dms., ton lots, works, lb. .75 - —
quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5 gal. dms., c.l., same basis. lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05½- —
l.c.l., same basis.....lb. .05⅝- —
10-gal. dms., c.l., (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5 c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2c. lb. higher.
Cardamon, bleached, cs.....lb. 1.65 - 1.90
decorticated, cs.....lb. 1.35 - 1.40
green, bgs.....lb. .96 - .99
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .11¾- .12
Case-hardening mixture, 45%, gran., dms., l.c.l..lb. .11⅞- —
lump, dms., l.c.l.....lb. .10⅞- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .13 - .14
5 tons, works.....lb. .14½- —
smaller lots, works.....lb. .15 - —
80-100 mesh, bgs., c.l., dlvd., lb. .13½- .14½
5 tons, works.....lb. .15 - —
smaller lots, works.....lb. .15½- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .18 - —
80-100 mesh, bgs., c.l., duty pd..lb. .18½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 - .18
Casia, Batavia, 1, bgs.....lb. .16½- .16¾
3, bls.....lb. .08¼- .08¾
short stick, bls.....lb. .13¾- .14
China, rolls, select, cs.....lb. .05½- .05⅝
broken, extra bls.....lb. .04 - .04¼
Saigon, bls.....lb. .16 - .16¼
Cassia buds, cs.....lb. .12¼- .12½
Cassia fistula, bskts.....lb. .11 - .12
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, com., 5½% ammon., bgs., c.l., works..ton.23.00 - —
import, bgs., c.i.f.,ports, shipment..ton.24.25 - —
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .17 - .17½
Indian, bgs.....lb. .15 - .15½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, cs., works..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
10. lbs., works.....lb. .58 - —
smaller lots, works.....lb. .55 - —
Cement, white, bbls. (4 bags), 5 tons, dlvd. N. Y..bbl. 6.50 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .27 - .28
Roman, bls.....lb. .25 - .30
Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.30.80 - —
Ill., (except river points), Minn., Neb., Wis. .....ton.25.00 - —

CARBON BISULPHIDE

Stauffer Carbon Bisulphide is a water-white product of high purity, testing 99.99%. You are certain of prompt shipment in any quantity from five-gallon drums to fifty-ton tank cars, from any of our four plants, so located as to reach you at the lowest transportation cost.

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BORIC ACID : CARBON TETRACHLORIDE : BORAX
TITANIUM TETRACHLORIDE : CAUSTIC SODA : SULPHUR CHLORIDE : SULPHUR : SILICON TETRACHLORIDE
CREAM OF TARTAR : SULPHURIC ACID : CARBON BISULPHIDE : TARTARIC ACID : WHITING

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A Dependable Source of Supply since 1885

Charcoal, softwood, powd., bgs., c.l., dlvd., Indiana..ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works, lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works...ton. 6.50 - —
99.75% 200 mesh, bgs., c.l., works..ton. 8.00 - —
l.c.l., works.....ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works ton. 9.00 - —
paper bgs., c.l., works, ton.12.00 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.22.60 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs. .....lb. .86 - .95
100 lbs. .....lb. .88 - .97
25 lbs. .....lb. .90 - .99
1-10 lbs. .....lb. .95 - 1.02
dms., 1,000 lbs. .....lb. .80 - —
500 lbs. .....lb. .83 - —
100 lbs. .....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .05½- —
contracts, dlvd., N.Y...lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2, works, frt. equald... 100 lbs. 2.55 - —
1, works, frt. equald... 100 lbs. 3.00 - —
Chloroacetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums, lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, com' cs.-lb. cyls., works, lb. .80 - —
5-lb. cyls., same ba... b. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cr, bbls.....lb. .05 - .08
Caks, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .45 - .50
quills, broken, bgs.....lb. .18 - .19
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
sulphate, N.F., cns..100 ozs.oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
aldehyde, f.f.c. bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2 bls.....lb. .17 - .17¼
3 bls.....lb. .16¼- .16½
Citral, bots., cns.....lb. 1.70 - 3.15
Citrine ointment, jars, tubes.lb. .75 - —
Citronellal, bots., dms.....lb. 1.00 - 1.50
Hydroxy, cns.....lb. 2.00 - 2.50
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .15¾- .16
Zanzibar, bls.....lb. .17 - .17½
Clove, Madagascar, bls.....lb. .16 - .16¼
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works...bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.00 - —
refd., dms., c.l., works...dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .66 - .68
Carbonate, tech., bbls., dlvd.lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms...lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .26 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs..... ...lb. .18 - .20
Cocoa butter, lumps, bgs., c.l..lb. .18½- .19
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07½- .08
Blue, root, bls.....lb. .06½- .07
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .39 - .40
Colombo root, bls.....lb. .20 - .21
Coltsfoot leaves, bgs.....lb. .07 - .08
Condurango bark, bgs.....lb. .68 - .69
Conium leaves, bls.....lb. .18 - .19
Copaiba, balsam, Para, cns....lb. .28 - .29
S.A., USP, cns.....lb. .30 - .31
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-54%, bbls.....lb. .18 - —
18-20%, bbls.....lb. .10½- .12
Chloride, bbls.....lb. .15 - .17
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .14 - —
Nitrate, cryst., bbls.....lb. .15 - —
Oleate, percip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .18½- —
smaller lots, works.....lb. .19 - —
red, com'l, 50-75%, kgs., f.o.b. N.Y..lb. .19775- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0260 Nom.
Coriander seed, Morocco, bgs..lb. .09¾- .10
bleached, bgs.....lb. .10¾- .11
Corn, sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.79 - —
ex whse.....100 lbs. 3.89 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.91 - —
43°, bbls., c.l.....100 lbs. 3.96 - —
Cornsilk, bls.....lb. .07 - .08
Corrosive sublimate, cryst., dms., lb. 1.37 - 1.38
gran., powd., dms.....lb. 1.22 - 1.23
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd..unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb 4 15 - 4 25
Cramp bark, genuine, bls.....lb. .20 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .16 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .19¾- —
smaller lots, bbls.....lb. .20¼- —
kgs.....lb. .19¾- —
Creosote, wood, beech, bots...lb. .70 - .75
hard, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14
Coaltar solution, tanks, works gal. .118 - .128
refd., bbls., c.l., works..gal. .22¼- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .12 - —
l.c.l., same basis.....lb. .12½- —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equaled., with Newark, Balto., and West Coast, lb. .27 - —
10,000 lbs. and over, same basis..lb. .28 - —
2,000 lbs. and over, same basis..lb. .29 - —
1,000 lbs. and over, same basis..lb. .31 - —
200 lbs. and over, same basis..lb. .33 - —
Cube root, powd., 4% rotenone prices, 5c. per lb less. coarse grd., 4% & 5% rotenone, prices 1c. less than powd. 3% rotenone, 6c. less than powd.
Cubeb berries, XX, bgs.....lb. .30 - .31
powd., cs.....lb. .34 - .35
Culver's root, bls.....lb. .17 - .19
Cumin seed, Algerian, bgs.....lb. .09¼- .09½
Indian, bgs.....lb. .10 Nom.
Morocco, bgs.....lb. .09¼- .09½
Cutch, Philippine, bls., c.l...lb. .04 - —
Cyanamide, 21-22% N., pulv., bgs., dlvd. contrs., NH_3 unit.. 1.15 - —
Cyanide-chloride, mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .17 - .18
Dandelion root, German, bls..lb. .19 - .20
Deertongue leaves, bls.....lb. .15 - .16
Degras, common, dom., bbls..lb. .08 Nom.
English, bbls.....lb. .08 Nom.
neutral, dom., bbls.....lb. .12¼ Nom.
English, bbls.....lb. .12¼ Nom.
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f.o.b. N.Y.C., or Balto., frt. prepaid to West Coast ports....lb. .39 - —
30,000 lbs., contract or orders, basis..lb. .39½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
bbl., same basis....lb. .44 - —
less than 100 lbs., same basis..lb. .47 - —
import contracts, 30,000 lbs..lb. .21½- —
10,000 lbs. .....lb. .22 - —
4% rotenone prices 6c. per lb. less
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.70 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.45 - —
white bgs., c.l., f.o.b. Chicago..100 lbs. 4.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.50 - —
Potato, import., bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .08 Nom.
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19½- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works., lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutyl phthalate, dms.....lb. .21 - —
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichloroethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .27 - —
tanks, works.....lb. .25 - —
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol).
Diethyl, phthalate, dms., c.l...lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Diethylanilin, dms.....lb. .50 - —
Diethyleneglycol, dms., c.l., works, lb. .22 - —
l.c.l., works.....lb. .23 - .26
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Diethyl sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Digitalis leaves, dms.....lb. .33 - .35
Diglycol oleate, light, bbls....lb. .21 - .24
Dilseed, recleaned, bgs.....lb. .07½- .08
Dimethyl phthalate, dms.....lb. .21 - —
Dimethylanilin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls.....lb. .16¼- .17¼
Dinitronaphtiralene, kgs.....lb. .85 - .88
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .14¼- .15¼
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms, 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tai acid oil)
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls, c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Diphenyl, oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, di-basic)
Divi-divi, bgs., shipment....ton.34.00 Nom.
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .07 - .08
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .85 - .90
Dubosine sulphate, vis.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U...lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25
354 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
626 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown ....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —

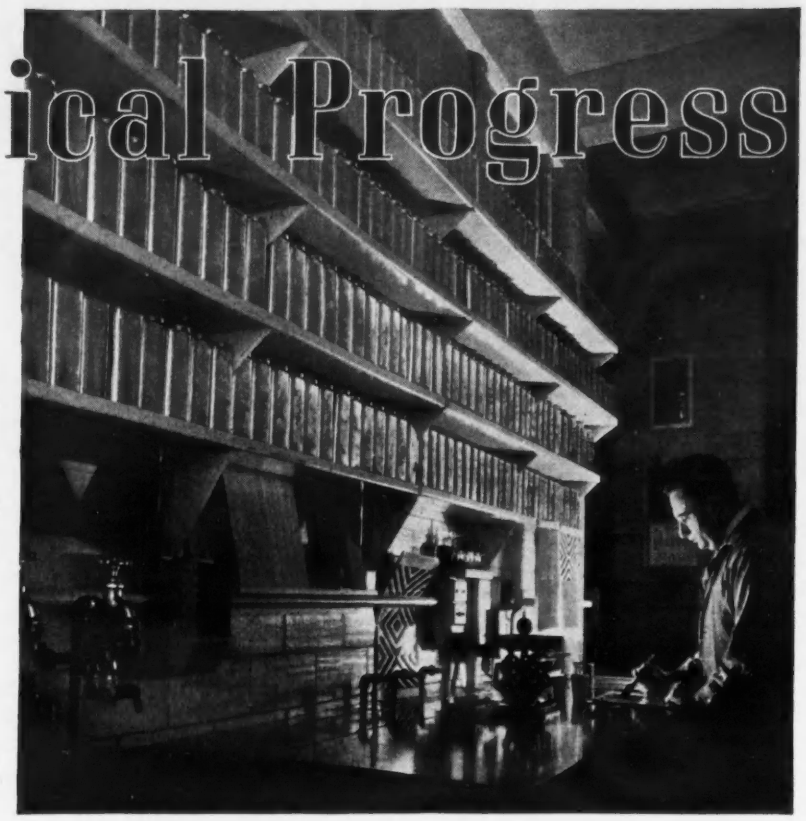
Charcoal—Ethylene Dichlor.

Dyes, coaltar, for stains, spirit-soluble (numbers are those of the Colour Index Scale):—
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.00 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray ....lb. 1.50 - —
Blue:—
714 Patent blue A .....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue ....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .86 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G, lb. .42 - —
67 Amidonaphthol red 6B, lb. .68 - —
79 Ponceau R .....lb. .48 - —
88 Fast red B .....lb. 1.05 - —
176 Fast red A .....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX..lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B .....lb. 3.50 - —
752 Rhodamine 6G .....lb. 4.50 - —
768 Eosin G .....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B....lb. .75 - —
681 Crystal violet C....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .98 - —
138 Metanil yellow .....lb. .53 - —
156 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .26 - .27
Egg albumen (ace Albumen).
Yolk, dom., cs.....lb. .68 Nom.
imports, cs.....lb. .58 Nom.
Elder flowers, bright, bls.....lb. .20 - .21
dark, bls. .....lb. .18 - .19
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .23 - .25
Emetine hydrochloride, bots., oz.15.00 -16.00
Ephedra, bls.....lb. .06 Nom.
Ephedrine, tins, 100 ozs.....oz. 2.60 - —
Hydrochloride, tins, 100 ozs..oz. 2.25 - —
Sulphate, cryst., tins, 100 ozs.oz. 2.25 - —
powd., tins, 100 ozs.....oz. 2.30 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs. 1 withdrawal..lb. 2.35 - —
smaller lots .....lb. 2.60 - —
kgs., c.l. .....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots .....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.45 - 1.50
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms., 400 lbs...lb. .09 - —
cns., 35 lbs.....lb. .14 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
Acetoacetate, dms., c.l., works. lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, cns.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.70
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .50 - .54
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld. lb. .70 - —
100 lbs., frt. alld.....lb. .75 - —
smaller lots, works.....lb. 1.00 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms, c.l., works, E. of Rockies, frt. alld..lb. .0545- —
West of Rockies, same basis..lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld..lb. .0644- —
West of Rockies, same basis..lb. .0694- —

for Chemical Progress



RESEARCH IS FOUNDATION OF HERCULES PRODUCTS—Thousands of experimental lacquers, varnishes, and enamels are made from various combinations of ingredients in Hercules laboratories. Illustrated: Test for hiding power.

Abalyn Is Recommended as Extender for Phenolics

MANY chemical uses have been suggested for Abalyn* (methyl abietate), methyl ester of abietic acid. One of the most important applications is the use of Abalyn as an extender for phenolic resins, making possible pale-colored films of greater toughness and flexibility, with improved chemical resistance.

Adds Toughness

Through its reactive double bond, Abalyn condenses with oil-soluble, resin-reactive phenolics to produce tough varnish resins. This condensation is similar to that of ester gum with phenolic resins, but the resins produced give tougher varnishes for an equivalent oil length, and are considerably lower in viscosity.

Since Abalyn itself is very resistant to alkalies and acids, and this property is imparted to the Abalyn-extended phenolic, short-oil-length varnishes may be prepared which have the toughness and adhesion of long-oil varnishes, together with excellent reagent resistance.

Shorter Oil-Length Varnish

By using an Abalyn-extended phenolic resin in a short-oil length, a tougher varnish can be obtained than when using ordinary brittle resins in the same oil length. Hence, Abalyn-extended phenolic resins enable one to use a shorter oil-length varnish for applications where longer oil-length varnishes are customarily indicated.

Because Abalyn-extended phenolic resins require less oil to prepare tough varnishes, greater alkali resistance is obtained as compared with ordinary tough, long-oil varnishes. As would be expected, these short-oil varnishes have very high gloss.

*Reg. U. S. Pat. Off. by Hercules Powder Company

★ ★ ★ ★ ★

Tornesit Finishes Are Quick-Drying

Because Tornesit* finishes dry as quickly as lacquers, they have many industrial uses. Besides, they offer great resistance to chemicals and have other unique properties that are advantageous industrially.

Textile Mills

For example, in the humid atmosphere of textile mills, Tornesit finishes harden rapidly and maintain their hardness. Besides, Tornesit affords unusual protection against acids, alkalies, and moisture encountered.

Paper Mills

In paper mills, also, where high humidities are prevalent, Tornesit finishes dry rapidly and stay hard despite the moisture present. No other finishes give equal protection against the acids, alkalies, and chlorine encountered.

Other Advantages

Rapid drying means faster production speed, lower maintenance costs, and time saved in applying. Inasmuch as Tornesit can be applied by spraying or brushing, its adaptability is wide.

Tornesit sales in 1937 are about double the sales for the corresponding period in 1936. Its wide versatility and use in many fields are being recognized by industry, and there is every reason to believe that formulators of Tornesit products have bright future prospects.

*Reg. U. S. Pat. Off. by Hercules Powder Company

For Clear Coatings Use Hercose C

Hercose* C (cellulose acetobutyrate) is a new cellulose derivative with properties of interest to lacquer manufacturers. As a base for clear coatings for metals, it has obvious advantages that heretofore have not been available in a protective-coating base.

Listed are suggested uses and advantages of Hercose C. Further details are available on request:

ADVANTAGES: (Partial List)

Clear: Transparent film resists sunlight and heat.

Water-resistant: Film is tough and nonporous.

Durable: Non-tacky clear film withstands weathering; retains gloss.

Adheres: Film adheres to copper, aluminum, brass, stainless steel, bronze, alloys.

Quick-drying: Dries hard in a few minutes.

Low-flammable: Film is very slow burning.

Miscible: With common plasticizers and many resins.

Soluble: In low-, medium-, and high-boiling solvents.

Hard: Does not pick up dirt; resists abrasion, weathering.

★ ★ ★ ★ ★

Vinsol Resin is Suggested for Nitrocellulose Lacquers

VINSOL* Resin, a new type of resinous material made available by improved methods in the production of wood naval stores, is suggested as an ingredient in compounding special nitrocellulose lacquers.

Vinsol Resin is a hard, high-melting, dark-colored material, black in color by reflected light but dark red when viewed by transmitted light through a film. The coloring matter in Vinsol Resin is light-fast and is not affected by contact with acids or alkalies.

For Interior Finishes

Vinsol lacquers are particularly adaptable to interior wood finishes. Vinsol lacquers impart to unstained wood a color approximating cherry. Such a finish has excellent sanding qualities, withstands severe temperature changes, and takes a high polish. It has good wear and water resistance.

Avoid Precipitation

In using Vinsol in nitrocellulose lacquers, a definite ratio of nitrocellulose and resin solvents (alcohols and esters) to diluent must be maintained to prevent precipitation.

USES: (Partial List)

Clear coatings for copper, brass, aluminum, steel, and alloys, to protect against atmospheric and weather attack.

Light-fast, low-flammable, flexible airplane lacquers.

Durable overcoating lacquers.

Oil-proof, flexible cable lacquers of excellent electrical characteristics.

*Reg. U. S. Pat. Off. by Hercules Powder Company

Diluents of the high solvent power mineral spirits type have so far proved unsuitable for use in lacquer formulations containing Vinsol Resin.

Wide Variety of Uses

Tests to date indicate that wide variation in formulation for specific uses should be possible.

Variation in the ratio of Vinsol to nitrocellulose gives very little effect on the hardness of the film.

Increase in resin content results in a loss in general properties but would allow a wide latitude of selection to meet price requirements where extremely high quality is not required.

The natural coloring matter in Vinsol Resin affects the tint in light shades of pigmented lacquers but, it can be used satisfactorily in dark shades or solid colors.

Lacquers made with Vinsol fail by chalking on outdoor exposure, but this tendency can be minimized by special formulation. Vinsol lacquers are highly satisfactory for enamels for indoor use.

More details are available on request.

*Reg. U. S. Pat. Off. by Hercules Powder Company

LET THESE PRODUCTS WORK FOR YOU

The Hercules products described in this advertisement are comparatively new. All have commercial uses, and many have possibilities not yet exploited. Chemists may find answers to many processing problems in some of these raw materials. Further details are available; just use the coupon.

An advertisement of
HERCULES POWDER COMPANY
INCORPORATED
Wilmington, Delaware

Hercules Research Widens Lacquer Emulsion Use

EMULSIONS of pigmented lacquer enamels, made under Hercules Powder Company licenses, can be used wherever lacquer emulsions are indicated as a logical finishing material, according to Hercules chemists.

This broadened use of lacquer emulsions points to a more extensive field for this remarkable method of applying lacquers to suitable surfaces.

Enamel Emulsions Practical

Intensive research at the Hercules Experiment Station emphasizes that pigmented lacquer emulsions are practical and offer definite advantages where a colored emulsion finish is desired—especially on porous surfaces where other lacquers cannot be used satisfactorily.

How Color is Added

Color can be imparted to lacquer emulsions in three ways:

(1) Incorporation of pigments in lacquer phase. (This is the most satisfactory method.)

(2) Addition of water-soluble dyes in solution to the finished emulsion.

(3) Addition of oil-soluble dyes in water-immiscible solvent and dispersing as a separate phase in a clear emulsion.

Pigments to Use

The lacquer base can be pigmented with such pigments as carbon black, chrome yellow, chrome green, chrome oxide, Indian red, Toluidine red, titanium dioxide, zinc sulphide, and pigments.

Some pigments, such as zinc oxide and Prussian or Chinese blue, require special handling to emulsify satisfactorily.

Resins, Plasticizers, and Solvents

The types of resins and plasticizers used in pigmented lacquer emulsions are essentially the same as those used in clears.

The solvents used in pigmented lacquer emulsions are the same as those used in clears. The same rules should be followed in selecting solvents for application to particular surfaces and at various humidities.

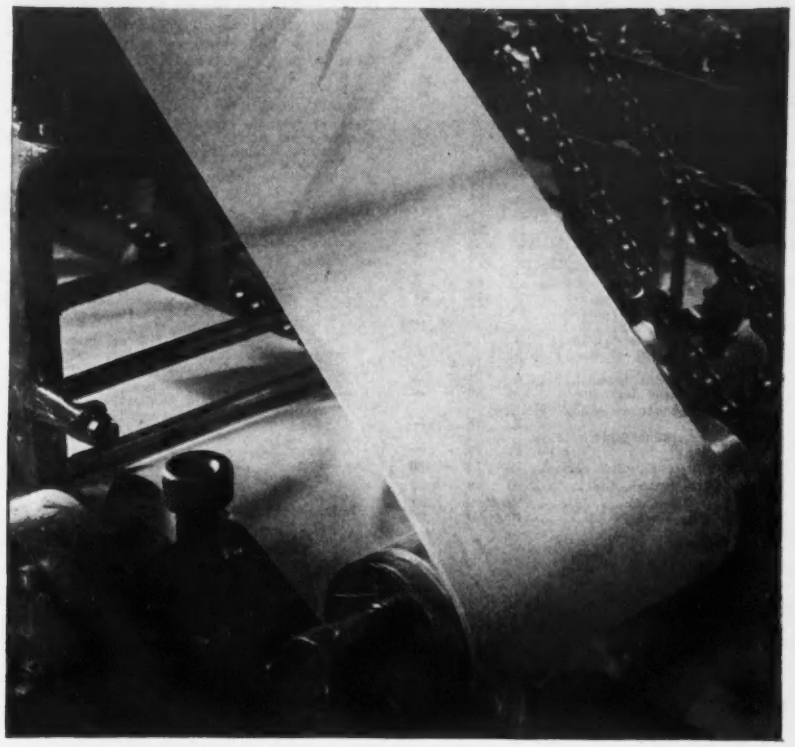
Use of Protective Colloids

The recently announced development of using protective colloids, such as casein and methyl cellulose, to help in emulsifying very high viscosity lacquer, is adaptable to enamel emulsions.

More Data Available

A pamphlet on the subject of colored lacquer emulsions is now available to chemists.

LABORATORY VARNISH MAKING—Hercules aids the varnish maker by research in the laboratory that simulates plant operation. Thus, valuable data are obtained in relation to specific problems.



Hercules research in lacquer emulsions has been responsible in a great measure for this important new development in the protective-coatings field. Illustrated is a paper-coating machine in which emulsions can be tested in the laboratory.

Ethyl Cellulose Plastics Have Many Advantages

ONE of the most versatile products made available to the chemical industry in recent years is Hercules Ethyl Cellulose. As a base for lacquers, it has been called the "finish of the future"; as a base for plastics it offers important advantages; and its possibilities as a varnish-toughener, adhesive base, and pigment-grinding base represent only a few of the numerous fields where it has great possibilities.

Hercules Ethyl Cellulose is made to exact specifications—47% to 48% ethoxy content. This percentage assures maximum thermoplasticity and best solubility and miscibility.

Hercules Ethyl Cellulose produces plastics which are colorless, transparent, and unaffected by alkalies of any concentration or by dilute acids.

Hercules Ethyl Cellulose is not discolored by ultra-violet light or by heat within molding range. Ethyl Cellulose plastics are lighter in weight than most molding compounds, because density is only 1.14. Ethyl Cellulose is low-flammable, and plastics can be made entirely non-flammable by the use of some of the chlorinated and phosphate plasticizers.

Because of its ready solubility, Hercules Ethyl Cellulose is miscible with a wide variety of plasticizers and resins.

The melting point of Hercules Ethyl Cellulose is not sharp and lies within the range of 200° to 210°C.; the softening point is 110° to 130°C., which is the proper range for working on rolls or in a Banbury mixer.

Hercules Ethyl Cellulose has excellent electrical properties. It can be readily compounded and is easy to handle. Delicate pastel shades are possible, together with unusual toughness, particularly at low temperatures. Ethyl Cellulose plastics, by combining many desirable properties, are worthy of close study.

★ ★ ★ ★ ★

For further information detach and mail this coupon

HERCULES POWDER COMPANY
INCORPORATED
905 Delaware Trust Building,
Wilmington, Delaware

I should like to have more information about:

☐ Petrex	☐ Tornesit	☐ Pale Wood Rosins
☐ Hercose	☐ Abalyn	☐ Ethyl Cellulose
☐ Vinsol	☐ Lacquer Emulsions	☐ Cellulose Acetate

My problem is _____

Name _____ **Title** _____

Company _____

Address _____ IN-42

Ethyleneglycol—Hydrangea

Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works .....lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works .....lb. .19 - .23
tanks works .....ib. .17 - —
Ethylidinanilin, dms .....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., ...lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .58 - .60
Eucalyptus leaves, bls.....lb. .09 - .10
Eugenol, bgs., cns.....lb. 2.10 - 2.85
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., ...lb. .07½- .08
India, bags.....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04¼- .04¾
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works .....lb. .12½- .13
smaller lots, E. works. .....lb. .13½- .14
light, cs., 1,000 lbs. or over, works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots E. works.lb. .16 - .17
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal. 8.75 -13.00
Oregon, bbls.....gal. 1.60 - 1.70
Fish berries, bgs.....lb. .09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 4.00 & .10 Nom.
resale..unit-ton. 3.50 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.56.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts..unit-ton.3.00 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f., ports, shipt..ton.48.00 - —
Flake white, bbls., kgs.....lb. .08¾- .09
Flaxseed, French, black, bgs..lb. .10¾- .11
Indian, blonde, bgs.....lb. .10 - .11
Fluorspar, enamel, 96-98%, bgs.. .....ton.33.00 - —
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mine ton..... -1.50
import, bulk, Atlantic ports, duty-paid..ton.23.00 -23.50
lump, 85 and 5, dom., bulk., f.o.b. Ill., Ky., mines...ton.21.00 -22.50
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No prices.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .13 - .14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .26
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .16 - .18
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - .48
Galangal root, bls.....lb. .09 - .10
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. No prices.
plantation, bgs.....lb. .08¾- .09
Cubes, Singapore, bxs.....lb. .10¼- —
Gambier extract, bbls.....lb. .08½ Nom.
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .07 - —
65 octane, tanks.....gal. .07½- —
above 65 octane, tanks.gal. .08 - —
California, 54-58, tanks...gal. .07½- —
Gulf Coast, US motor, bulk, gal. .06½- —
60-62, 390 e.p., bulk, export, gal. .06¼- —
60-62, 400 e.p., bulk, export, gal. .06¼- —
64-66, 375 e.p., bulk, export, gal. .06¾- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05¾- .06
63-67 octane, tanks....gal. .06½- .06¾
68-70 octane, tanks....gal. .06¾- .06¾
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¾- .05¾
63-67 octane, tanks....gal. .05½- .05¾
68-70 octane, tanks....gal. .05¾- .06½
60-62, 400 e.p., tanks...gal. .04¾- .05¾
64-66, 375 e.p., tanks...gal. .05 - .05¼
natural, 12-lb. vapor pres., tanks..gal. .05¾- .06
14-lb. v.p., tanks.....gals. .05½- .05¾
18-lb. v.p., tanks.....gal. .04¾- .05
22-lb. v.p., tanks.....gal. .04½- .04¾
26-70-lb., v.p., tanks..gal. .04 - .04½
Pennsylvania, US motor, below 60 octane, tanks.....gal. .06 - —
60 octane, tanks.....gal. .07½- —
52-54, 450 e.p., naphtha, tanks..gal. .05¾- —
54-56, 400 e.p., strt. run, tanks..gal. .05¾- —
Gelatin, silver, cs.....lb. .50 - .55
Gelsemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .13 - .14
grd., bbls., lxs.....lb. .14 - .15
powd., bbls., bxs.....lb. .15 - .16
Geraniol, cns., dms.....lb. .75 - 3.00
Geranyl acetate, bots., dms...lb. 1.75 - 2.80
Ginger root, Africa, bgs.....lb. .14½- .14¾
Cochin, lemon, bgs.....lb. .15 - .15½
Jamaica, bold, bgs.....lb. .17 - .17½
grinding, bright, bgs....lb. .14¾- .15
medium, bold, bgs.....lb. .15 - .15½
Japanese, bgs.....lb. .16 - .16½
Ginseng fibers, cs.....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 4.00 - 5.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 38 jelly-grams, bgs., c.l., dlvd..lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
36/38, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
38/42, bgs., c.l., dlvd.....lb. .15½- —
l.c.l., dlvd.....lb. .16 - —
42/108, bgs., c.l., dlvd.....lb. .16 - —
l.c.l., dlvd.....lb. .16½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .16½- —
l.c.l., same basis.....lb. .17 - —
60/164,bgs.,c.l.,same basis.lb. .18 - —
l.c.l., same basis.....lb. .18½- —
67/192,bgs.,c.l.,same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
75/222, bgs., c.l., same basis lb. .20 - —
l.c.l., same basis.....lb. .21 - —
83/251,bgs.,c.l.,same basis.lb. .21 - —
l.c.l., same basis.....lb. .22 - —
92/283,bgs.,c.l.,same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
102/315, bgs., c.l., same basis lb. .22½- —
l.c.l., same basis.....lb. .23½- —
113/347, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
125/379, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., makers, cns., l.c.l. lb. .23½- .24
dms., extra, c.l.....lb. .21½- —
l.c.l. .....lb. .22 - —
dynamite, dms., extra, c.l....lb. .21½- —
l.c.l. .....lb. .22 - —
saponification, basis 88%, dms. returnable, dlvd..lb. .16 - .16½
soaplye, basis 80%, dms., returnable, dlvd..lb. .14½- .15
yellow, distilled, dms., extra, cl. lb. .23¾- —
l.c.l. .....lb. .23¾- —
Glycol boriborate, dms.....lb. .26 - —
Phthalate, dms.....lb. .40 - —
Stearate, dms .....lb. .27½- —
Gold, U. S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-Soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .16½- .17
Golden seal root, bls.....lb. 2.95 - 3.30
powd., bxs. .....lb. 3.15 - 3.20
Grains of paradise, bgs.....lb. .25 - .28
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03¼- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .06¾- .07¼
white, trcs.....lb. .07¾- .08¼
yellow, trcs.....lb. .06¾- .07⅛
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P. color content up 6%, bbls., same basis, lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
chrome, oxide, dom., pure..bbl. .21 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l. works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .06½- .10
Guaiac resin, cs.....lb. .35 - .40
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, db., dms., 25 lbs.lb. 2.20 - —
kgs, 100 lbs.....lb. 2.15 - —
Guarana, powd., cs.....lb. 1.15 - 1.20
Gum, aloe (see A)
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .13 - .13½
white, sorts, 1, bgs.....lb. .29 - .30
2, bgs .....lb. .27 - .28
powd., bbls.....lb. .16½- .17
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.40 - 1.65
Sumatra, cs. .....lb. .22 - .25
Camphor (see C)
Chicle, bgs.....lb. .40 - .45
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .46 - —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .30¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .20 - —
4, pale bold straw, bgs., c.l., same basis..lb. .19¼- —
5, pale straw bold, bgs., c.l., same basis..lb. .16 - —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
8, light amber bold, bgs., c.l., same basis..lb. .13½- —
9, medium light amber bold, bgs., c.l., same basis..lb. .10¾- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .10½- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .08¼- —
12, selected bold sorts, bgs., c.l., same basis..lb. .07¾- —
13, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .07¼- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale fingers, bgs., c.l., same basis..lb. .19 - —
18, pale straw nubs, bgs., c.l., same basis..lb. .12¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11½- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
21, ordinary selected nubs, c.l., same basis..lb. .08½- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .07¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¾- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .06¾- —
26, pale bold chips, bgs., c.l., same basis..lb. .06¾- —
27, pale small chips, bgs., c.l., same basis..lb. .06½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .05¼- —
East India, Batu, bold scraped, bgs., c.l., same basis..lb. .06¼- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03¾- —
dust, bgs., c.l., same basis lb. .03¾- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .06½- —
dust.,bgs., c.l., same basis, lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .10¾- —
Singapore flasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l.,same basis, lb. .04¾- —
dust,bgs.,c.l.,same basis.lb. .03¾- —
nubs,bgs.,c.l.,same basis.lb. .10¾- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —
Loba A, bskts., c.l., same basis..lb. .10¼- —
B,bskts.,c.l., same basis.lb. .10¼- —
C,bskts.,c.l., same basis.lb. .10¼- —
CNE, bskts., c.l., same basis..lb. .07¾- —
D, bskts., c.l., same basis. lb. .09½- —
DK, bskts.,c.l., same basis, lb. .07¾- —
DU, bskts., c.l.,same basis, lb. .08¾- —
dust,bskts.,c.l., same basis, lb. .06¾- —
Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
Singapore, dust, bskts., c.l., same basis..lb. .06¾- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB,bskts.,c.l.,same basis, lb. .08¾- —
MA, bskts., c.l.,same basis, lb. .07¼- —
MB, bskts.,c.l.,same basis, lb. .06¾- —
WS, bskts.,c.l.,same basis, lb. .08½- —
Philippine Manila, amber sorts, bskts., c.l., same basis...lb. .07¾- —
chips, pale, bskts., c.l., same basis..lb. .08¾- —
small, bskts., c.l., same basis..lb. .07¾- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis..lb. .11¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06½- —
Pontianak, bold, genuine, bgs., same basis..lb. .16 - —
mixed, bgs., c.l., same basis..lb. .14 - —
chips,bgs.c.l.,same basis...lb. .10¼- —
nubs, bgs.,c.l., same basis.lb. .12¾- —
split,bgs.,c.l., same basis..lb. .15¼- —
Gum, dammar, Batavia A, cs, c.l., same basis as copal..lb. .24 - —
A/D, cs., c.l., same basis..lb. .18¾- —
A/E, cs., c.l., same basis..lb. .15¾- —
B, cs., c.l., same basis...lb. .22½- —
C, cs., c.l., same basis...lb. .18¾- —
D, cs., c.l., same basis...lb. .16½- —
dust, cs., c.l., same basis.lb. .06¾- —
E, cs., c.l., same basis...lb. .08¼- —
F, cs., c.l., same basis...lb. .06¾- —
Singapore, 1, cs., c.l., same basis..lb. .21¼- —
2, cs., c.l., same basis....lb. .16¼- —
3, cs., c.l., same basis....lb. .05¾- —
chips, cs., c.l., same basis.lb. .12 - —
dust., cs., c.l., same basis.lb. .05¾- —
seeds, cs., c.l., same basis.lb. .09½- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs., dlvd. lb. .10 - —
c.l., single shipment, dlvd. lb. .10¼- —
l.c.l., dlvd.....lb. .10½- —
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs.....lb. .93 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls. .....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Gualac (see Gualac resin).
Karaya XXX, bbls., bxs., dms..lb. .27 - .30
XX, bbls., bxs., dms.....lb. .18 - .19
1, bbls., bxs., dms.....lb. .12 - .13
2, bbls., bxs., dms.....lb. .11 - .12
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .13¾- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.00 - 2.10
Mastic, cs., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .40 - .41
Olibanum, siftings, cs.....lb. .07½- .18
tears, cs. .....lb. .13 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .33 - .35
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .27 - .29
sorts, bgs. .....lb. .14½- .15
Talha, bgs. .....lb. .07½- .08
Thus, bbls.....280 lbs.13.75 -14.00
Tragacanth, Aleppo, 1, cs....lb. 2.75 - 3.00
2, cs.....lb. 2.40 - 2.45
3, cs.....lb. 2.35 - 2.40
4, cs.....lb. 2.30 - 2.35
5, cs.....lb. 2.25 - 2.30
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.90 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge,Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.30
Hellebore,white,root,powd.,bbls.lb. .12 - .13
Helonias root, bls.....lb. .65 - .67
Hematine crystals, bbls.....lb. .18 - .84
Hemlock extract, 25% tan.,bbls.lb. .03 - .03¼
Hempseed, Manchur, bgs.....lb. .04¾- .05
Henbane leaves, bls.....lb. .19 - .20
Henna leaves, bls.....lb. .07 - .08
powd., bbls, bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms .....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more, shipments, same basis, lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs .....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago...unit-ton. 3.50 - —
Hops, dom., 1936 crop, bls....lb. .46 - .51
import., 1936 crop, bls....lb. .55 - .70
Horehound, bls .....lb. .07 - .08
Hydrangea root, bls.....lb. .08 - .09

Hydrastine, bots., 4 ozs.....oz. 17.25 - —
cns., 16 ozs.....oz. 17.00 - —
Hydrochloride, bots., 4 ozs...oz. 17.25 - —
cns., 16 ozs.....oz. 17.00 - —
Sulphate, bots., 4 ozs.....oz. 19.25 - —
cns., 16 oz.....oz. 19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen, peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone dealers, bbls., dms..lb. .90 - .94
Hyoscine hydrobromide, bots..oz. 18.00 -19.00
Hyoscyamine, bots.....oz. 15.00 - —
Hydrobromide, bots.....oz. 15.00 - —
Sulphate, bots.....oz. 15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs.....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb. 34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.15 - —
kgs., 150 lbs.....lb. .90 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.65 - —
cbys., 5 gals.....gal. 1.75 - —
mild, bbls., 47 gals.....gal. .90 - —
cbys., 5 gals.....gal. 1.00 - —
Iodoform, dms., 100 lbs.....lb. 3.75 - —
jrs., 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac root, bgs.....lb. 1.30 - 1.35
powd., bxs.....lb. 1.45 - 1.50
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .24 - .32
prime, bleached, bls.....lb. .19 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
IV. djns., 50 lbs.....lb. .16 - —
Chloride, tech., cryst., bbls., kgs..lb. .05 - .08
USP, cryst., bbls., 500 lbs..lb. .07½- —
kgs., 100 lbs.....lb. .08½- —
solut., USP, cbys., 130 lbs., lb. .06½- —
djns., 50 lbs.....lb. .16 - —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .37 - .38
bots.....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .08
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.),
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas) USP, cryst., bbls., 275 lbs. lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Iron-ammonia citrate, green, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs.....lb. .26½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs.....lb. .26½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .14 - .15
Jalap root, NF, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .05½- .06

K

Kamala, tins.....lb. .38 - .40
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks. gal. .05¾- .06
Gulf ports, p.w., bulk, export. gal. .04⅜- .04⅞
w.w., bulk..gal. .05 - .05½
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04¼- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04¼
42-44 w.w., tanks.....gal. .04½- .04⅝
Pennsylvania, 45 w.w., tanks. gal. .04¾- —
46 w.w., tanks.....gal. .04⅞- —
47 w.w., tanks.....gal. .05 - —
Kerosene, tankwagon:—
Atlanta.....gal. .13 - —
Boston.....gal. .07½- —
Chicago.....gal. .101 - —
Cincinnati.....gal. .135 - —
Denver.....gal. .11½- —
Louisville.....gal. .10½- —
Minneapolis.....gal. .10½- —
New Orleans.....gal. .14 - —
New York.....gal. .07¾- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .48 - .50
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 11.75 -12.00
Middlewestern, trcs.....100 lbs. 10.75 -10.85
Neutral, trcs.....100 lbs. 13.25 -13.50
Western, choice, trcs.....100 lbs. 10.85 -10.95
Compound, trcs.....100 lbs. 11.50 -11.75
Larkspur seed, bgs.....lb. .28 - .30
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04½- .05
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls.....lb. .55 - .60
Lead acetate, white, broken, bbls..lb. .13½- —
cryst., bbls.....lb. .13½- —
gran., bbls.....lb. .14¼- —
powd., bbls.....lb. .14¼- —
Arsenate, dms., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11½- —
1,000 lbs. or more, dealers dms., E. of Rockies..lb. .12 - —
W. of Rockies....lb. .11¾- —
less than 1,000 lbs., dealers, E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .12½- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over: no frt. or truck allowance for works or whse. pick-ups.
Lead, blue, basic, sulphate, bbls., c.l., dlvd., E..lb. .07 - .07½
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07½- .08
l.c.l., dlvd., E.....lb. .07¼- .07¾
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07¾- .08
Carbonate (see Lead, white)
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars.....lb. 2.40 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report)
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .22½- —
5 lb. cont., f.o.b. works..lb. .23½- —
Nitrate, bbls.....lb. .11 - .11½
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .09¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo.....lb. .10 - —
other points.....lb. .09½- —
smaller lots, dlvd., Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
97%, Pb_3O_4, bbls., c.l., (20 tons) dlvd., Ala., etc., lb. .09½- —
other points....lb. .09¼- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
smaller lots dlvd., Ala., etc..lb. .10½- —
Ariz.....lb. .11 - —
Colo.....lb. .10½- —
other points.....lb. .10¼- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd., Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb: .11 - —
other points.....lb. .10½- —
in oil, steel kegs, 1,000 lbs.lb. .11¾- —
500 lbs.....lb. .12 - —
smaller lots.....lb. .12¾- —
Resinate, fused, 16%, bbls....lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .22 - .23
Sulphate (see lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .12 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .12¼- —
smaller lots.....lb. .12½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¾- .08¼
other points.....lb. .07½- .08
l.c.l. dlvd. Ariz., etc..lb. .08 - .08½
other points.....lb. .07¾- .08¼
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .07¼- .07¾
other points.....lb. .07 - .07½
l.c.l., dlvd. Ariz., etc..lb. .07½- .08
other points.....lb. .07¼- .07¾
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .11¾- —
500 lbs., dlvd.....lb. .12 - —
smaller lots, dlvd.....lb. .13 - —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .17 - .18
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
California, northern..ton. 11.80 - —
southern.....ton. 11.45 - —
Cedar Hollow, Pa..ton. 8.00 - —
Chicago.....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich. ..ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 3.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo.....ton. 11.00 - —
California, northern..ton. 15.30 - —
southern.....ton. 13.95 - —
Cedar Hollow, Pa...ton. 8.50 - —
Chicago.....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton. 12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton. 14.50 - —
Marble Cliff, Ohio....ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton. 12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petolsky, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton. 12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 11.00 - —
Marble Cliff, Ohio....ton. 11.00 - —
Marblehead, Ohio....ton. 11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton. 11.00 - —
Lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, dms., consumer, c.l., works, fr't all'd..gal. .13½- .14½
dealer, fr't all'd.....gal. .13 - .16
l.c.l., consumer, fr't all'd, gal. .15 - .18
dealer, fr't all'd.....gal. .14 - .17
tanks, consumer, dlvd....gal. .11½- —
dealer, dlvd.....gal. .11 - —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, cns., 25 lbs...lb. 1.70 - 2.45
Linden flowers, with leaves, bls.lb. .18 - .19
without leaves, bls.....lb. .19 - .20
Linseed cake, bgs., export....ton. 28.50 - —
Meal, 32%, dom., bgs.....ton. 38.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
other points .....lb. .08 - —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .08¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
other points .....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
Lithium bromide, jars, 25 lbs. lb. 1.70 - 1.75
Carbonate, bbls., 250 lbs....lb. 1.25 - —
kgs., 100 lbs.....lb. 1.30 - —
Chloride, jars, 25 lbs.....lb. 1.65 - 1.70
Citrate, bbls., 250 lbs.....lb. 1.40 - —
fib. dms., 25 lbs.....lb. 1.45 - —
kgs., 100 lbs.....lb. 1.40 - —
Iodide, bots., 5 lbs.....lb. 4.85 - —
jars, 25 lbs.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .05⅝- —
smaller lots, same basis..lb. .06⅛- —
bbls., 20 tons, same basis, lb. .06¼- —
smaller lots, same basis..lb. .06⅝- —
ordinary, bgs., 20 tons, same basis..lb. .04⅜- —
smaller lots, same basis..lb. .04⅝- —
bbls., 20 tons, same basis, lb. .04⅝- —
smaller lots, same basis..lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05⅜- —
smaller lots, same basis..lb. .06⅛- —
bbls., 20 tons, same basis, smaller lots, same basis..lb. .06⅝- —
lb. .06¾- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .12 - .13
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs.....lb. .15 - .19
Sticks, Haitian, shipt.....ton. 24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .35 - .37
Lupulin, N E., tins.....lb. 1.75 - 2.00
Lycopodium, cs.....lb. 1.40 - 1.45

M

Mace, Banda, cs.....lb. .56 - .57
Batavia, cs.....lb. .48 - .49
Slauw, l. cs.....lb. .53 - .54
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia, arsenate, cs., dms..lb. .18 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
Tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.....lb. .28 - —
1-lb. pkgs., same basis.lb. .38 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis. lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis, lb. .27 - —
super light, bbls., same basis..lb. .30 - —
calcined, USP, import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l.....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l.....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l.....lb. .09½- —
Zone 2, bgs., c.l.....lb. .06 - —
l.c.l.....lb. .06½- —
bbls., c.l.....lb. .07 - —
l.c.l.....lb. .07½- —
kgs., c.l.....lb. .08½- —
l.c.l.....lb. .09 - —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l.....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l.....lb. .10½- —
Zone 2, works, bbls., c.l..lb. .08 - —
l.c.l.....lb. .08½- —
kgs., c.l.....lb. .09½- —
l.c.l.....lb. .10 - —
Zone 1:—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l. shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts., frt. alld., including divd. store-door. Zone 2:—Balance of U. S.
Chloride, flake, dom., bbls., works..ton. 39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined)
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.95
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Magnesia, stearate, bbls., ctns., c.l..lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt)
Magnesite, cal., import, bbls. ton. 60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton. 25.00 - —
Malva flowers, black, bls....lb. .40 - .42
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .13 - .14
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .21 - .22
Chloride, bbls.....lb. .09 - —
Dioxide, Caucasian, 85-90%, csks., c.l., works..ton. 51.50 - —
l.c.l., 5 tons, works..ton. 54.50 - —
smaller lots, works..ton. 59.50 - —
burlap bgs., c.l., works..ton. 49.50 - —
l.c.l., 5 tons, works..ton. 52.50 - —
smaller lots, works..ton. 57.50 - —
paper bgs., c.l., works..ton. 47.50 - —
l.c.l., 5 tons, works..ton. 50.50 - —
smaller lots, works..ton. 55.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.61 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000 lbs. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .32 - —
Iodide, bots., 5 lbs.....lb. 5.25 - —
jars, 25 lbs.....lb. 5.10 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52%, basis, bbls., c.l. Atl. ports..unit-ton. .47 - —
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton. 48.75 - —
l.c.l., bgs.....ton. 55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton. 25.00 -26.00
Manna, flake, large, cs.....lb. .32 - .33
small, cs.....lb. .18 - .19
Mannitol, pure, cryst., cs., works. lb. 1.45 - —
Marble flour, bgs.....ton. 12.00 -14.00
Marjoram, French, bbls.....lb. .17 - .17½
Tunisan, bls.....lb. .16 - .16½
Matico leaves, bls.....lb. .28 - .30
Menthol, U.S.P., natural, cs..lb. 3.25 - 3.35
synthetic, tech., cs.....lb. 2.25 - —
U.S.P., cs.....lb. 3.25 - —
liquid, dms., 40 lbs.....lb. 1.60 - —
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .57 - —
25 lbs.....lb. .59 - —
50%, pails, 50 lbs.....lb. 1.28 - —
25 lbs.....lb. 1.33 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs.....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs. lb. 3.67 - —
cns., 25 lbs.....lb. 3.55 - —
fib. dms., 100 lbs.....lb. 3.55 - —
yellow, bls., 5 lbs.....lb. 3.67 - —
cns., 25 lbs.....lb. 3.65 - —
fib. dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment)

Mercury Oxide—Myrobalans

Mercury, oxide red, N.F. (see Red precipitate)
Tech. (Red. mercury oxide). Yellow, dom., tech., bbl....lb. 1.59 - 1.60
USP, fib. dms.....lb. 2.01 - 2.03
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works .....lb. .21½- —
tanks, works .....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.70 - 1.80
Gold, XX deep, 3⅜x3⅜ in.pkg. 14.25 -14.75
3⅜x3⅜ in.....pkg. 15.50 -16.50
4x4 in.....pkg. 18.50 -19.00
3⅜x5 1/16 in.....pkg. 21.50 -22.00
3⅜x5 1/16 in.....pkg. 23.50 -24.00
Silver, 3⅜x3⅜ in.....pkg. 2.25 - 2.35
Metanitroanilin, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenedaimine, kgs....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies..gal. .44 - —
tanks, frt. alld., E. of Rockies..gal. .38 - —
pure, nat'l or synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
Methanol, pure, tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt. alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Methyl acetone, nat., dms., c.l., contracts, Zone 1..gal. .39 - —
2, ...gal. .42 - —
3, ...gal. .43 - —
4, ...gal. .45 - —
tanks, contracts, Zone 1.gal. .33 - —
2 .....gal. .35½- —
3 .....gal. .36½- —
4 .....gal. .37 - —

Methyl acetone, natural, prices are quoted for direct shipment from refinery f.o.b. shipping point, freight allowed to destination; barrel packing, 2½c. per gal. more, in all brackets. The sale zones are: Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .42 - —
2, frt. alld. E. of Rockies. gal. .45 - —
3, Pacific coast.....gal. .46 - —
l.c.l., Zone 1, frt. alld. E of Rockies..gal. .44½- —
Zone 2, frt. alld. E. of Rockies..gal. .51 - —
3, Pacific Cst.....gal. .48½- —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .36 - —
2, ft. alld. E. of Rockies. gal. .38½- —
3, Pacific Coast.....gal. .39½- —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, cns, 25 lbs.....lb. .70 - 1.00

Methyl, chloride, refrigeration, 500 lb. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .38 - —
60 to 499 lbs, cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride prices are spot or contract, effective Juy 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130 lbs. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate, dms.....lb. .40 - .43
tins .....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene, blue, medicl., kgs, 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Methylene chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb. 27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylnaphtyl ketone, cryst., bots..lb. 2.10 - 2.25
Methylpropyl carbinol (see Carbinol).
Methylpropyl ketone, dms., c.l., lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton. 11.00 - —
180 mesh, containers extra, c.l., same basis..ton. 11.00 - —
l.c.l., same basis.....ton. 13.00 - —
250 mesh, containers, extra, c.l., same basis..ton. 13.00 - —
l.c.l., same basis.....ton. 15.00 - —
325 mesh, containers extra, c.l., same basis..ton. 18.00 - —
l.c.l., same basis.....ton. 20.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs., c.l., works. ton. 35.00 - —
l.c.l. works.....ton. 43.75 - —
second grade, bgs., c.l., works..ton. 33.00 - —
l.c.l., works.....ton. 41.25 - —
250, 100 mesh, bgs., c.l., works..ton. 40.00 -50.00
l.c.l., works.....ton. 50.00 -60.00
second grade, bgs., c.l., works..ton. 23.90 -30.00
l.c.l., works.....ton. 29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton. 50.00 - —
l.c.l., works.....ton. 62.50 - —
roofing, bgs., c.l., works..ton. 23.50 -30.00
l.c.l., works.....ton. 30.00 -37.50
wet-ground, paint, oil or lacquer, bgs., c.l., dlvd. E....lb. .04¼- —
l.c.l., works.....lb. .04¼- —
water, bgs., c.l., dlvd. E..lb. .04 - —
l.c.l., works.....lb. .04 - —
paper, wall or coated, bgs., c.l., frt. alld., E..lb. .03¾- —
l.c.l., 2,000 lbs., frt. all., E..lb. .04¼- —
smaller lots, frt. alld., E..lb. .04¾- —
rubber, bgs., c.l., frt. alld., E..lb. .03½- —
l.c.l., 2,000 lbs., ft., alld., E..lb. .04 - —
smaller lots, frt. alld., E..lb. .04¼- —

wet-ground mica prices are ½c. per pound higher on Pacific coast.

Milk powder, skimmed, roller, bbls., c.l...lb. .07½- —
l.c.l. .....lb. .08½- —
spray, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .09½- —
unskimmed, roller, bbls., c.l..lb. .17 - —
l.c.l. .....lb. .17½- —
spray, bbls., c.l.....lb. .17 - —
l.c.l. .....lb. .17½- —
Millet seed, bgs.....lb. .03¼- .03½
hulled, bgs.....lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. No prices
Monoamylamine, dms., c.l., wks. lb. .52 - —
l.c.l., works.....lb. .55 - —
Monochlorobenzene, dms.....lb. .06 - .08¼
Monoethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., dms .....lb. .27 - —
tanks .....lb. .25 - —
Monoethylanilin, dms.....lb. .77 Nom.
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz. 11.10 - —
cns., 25 ozs.....oz. 10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz. 10.75 - —
cns., 25 ozs.....oz. 10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Mullein flowers, cns.....lb. .85 - .90
leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz. 21.00 -22.00
pods, caddies, 20 ozs.....oz. 19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.90 - —
5 lbs. to 75 lbs.....lb. 4.20 - —
1 lb.....lb. 4.55 - —
Ketone, cns., 100 lbs. or more, lb. 4.05 - —
5 lbs. to 75 lbs.....lb. 4.35 - —
1 lb.....lb. 4.50 - —
Xylol, cns., 100 lbs. or more lb. 1.15 - —
5 lbs. to 75 lbs.....lb. 1.25 - —
1 lb.....lb. 1.40 - —
Musk root, bls.....lb. .09 - .10
Mustard seed, Bombay, brown, bgs..lb. .06½- .06¾
California, brown, bgs.....lb. .07¾- .08¼
yellow, bgs.....lb. No stocks
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .08 - .08½
Dutch, yellow, bgs.....lb. .08 - .08½
English, yellow, bgs.....lb. .08¾- .09¼
Hungarian, yellow, bgs....lb. .07½- .07¾
Roumanian, yellow, bgs....lb. .06 - .06½
Myrobalans, J1, bgs., shipt..ton. 29.00 - —
J, bgs., shipt.....ton. 20.50 - —
R2, bgs., shipt.....ton. 20.00 - —
Extract, liquid, 25%, bbls....lb. .04¼- .05¼

OVER TWICE AS POPULAR
as all other Lemon Oils Combined!

Because...

FROM CALIFORNIA LEMONS

COLD PRESSED AND CLARIFIED

A U.S.P. OIL FOR THE AMERICAN TASTE

Exchange
OIL OF LEMON U.S.P.

EXCHANGE BRAND Led the Field by More than 2 to 1 in 1936—And is making New Sales Records for 1937

HIGH quality and right price have made Exchange Brand Oil of Lemon, U.S.P., the unquestioned leader in the United States.

It is made in the world's largest plant devoted exclusively to lemon products.

Nowhere else are there the facilities to keep production quality so uniform. Nowhere else has the American taste been so successfully met.

Be sure to specify it by name: Exchange Brand Oil of Lemon, U.S.P. (Clarified).

Sold to the American market exclusively by
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CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY, Corona, California
Copr., 1936, California Fruit Growers Exchange, Products Dept.

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., works..100 lbs. 2.50 - 2.75
import., bgs., Atlantic ports, 100 lbs. 2.25 - 2.50
78 deg., dom., bgs., works, 100 lbs. 3.00 - 3.25
import, bgs., Atl. ports, 100 lbs. 2.75 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
jobbers, cs., same basis.. lb. .07½- —
pkgs. (16 oz.), same basis. lb. .08 - —
(12 oz.) same basis..pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Neroiin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13¾
single, bbls.....lb. .13 - .13¾
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .06 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07½- —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 30, 40, 70 sec. vis., bbls., works..lb. .20 - —
Ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., contract, c.l., 18,000 lbs. dry weight, works .....lb. .22 - —
10,000 lbs.....lb. .25 - —
spot, bbls., works.....lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works.....lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Fall shipt. dlvd..... unit-ton. 2.90 - —
Chemical, Ill....unit-ton. 2.85 - —
East Coast producing points..unit-ton. 3.10 - 3.25
import., bgs., c.i.f. Atlantic ports, ship..unit-ton. 3.15 - 3.20
Nitronaphthalene, bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .23
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- .19¾
110s, bgs., cs.....lb. .17 - .17½
West Indian, bgs.....lb. .14 - .14½
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .06¼- .07

O

Oakbark extract, 25% tan., bbls., c. l., works..lb. .03¼- —
l.c.l., bbls., works.....lb. .03¼- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .13 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns.....lb. .95 - 1.00
Amber, crude, cns.....lb. .16 - .17
refd., cns .....lb. .45 - .46
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb. 64.00 -75.00
Seed, bots.....lb. 70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .85 - .90
Apricot kernel, cns.....lb. .30 - .31
Babassu, tanks, futures.....lb. .07¾- .08
Bay, W. I., cns.....lb. 1.50 - 1.70
Bergamot, artif., cns.....lb. 1.25 - 1.50
natural, coppers.....lb. 3.70 - 3.80
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectif'd., cns.....lb. .70 - .75
Bois de rose, Brazil, cans..lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .56 - .57
USP IX, cns.....lb. .71 - .88
Calamus, cns.....lb. 5.50 - 5.75
Camphor, sassafrassy, cns...lb. .22 - .23
dms. .....lb. .19 - .20
white, cns. .....lb. .21 - .22
dms. .....lb. .18 - .19
Cananga, native, cns.....lb. 1.75 - 2.25
rectified, cns.....lb. 2.00 - 3.25
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.10 - 2.25
Cardamom, bots.....lb. 20.00 -88.00
Cassia, USP, cns., dms.....lb. 1.00 - 1.05
Castor, blown, one-way dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾- —
l.c.l. .....lb. .11½- —
cns. (1-gal), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10¾- —
l.c.l. .....lb. .11½- —
(5-gal.), l.c.l.....lb. .12¾- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¾- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l..lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09¾- —
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (43% fat), dms., c.l..lb. .06 - —
l.c.l. .....lb. .06½- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12¾- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. 1.00 - 1.15
dms. .....lb. .95 - 1.10
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .24 - .26
Celery, bots.....lb. 10.50 -12.50
Chaulmoogra, USP, cns, 500 lbs..lb. .99 - —
25 lbs.....lb. 1.00 - —
Oil, chinawood, dms., Atlantic Cst..lb. .18 Nom.
tanks .....lb. .18 Nom.
Cinnamon, Ceylon, bots.....lb. 8.00 -22.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .44 - .46
dms. .....lb. .42 - .44
Java, dms.....lb. .50 - .52
Clove, makers, USP, cns....lb. 1.17 - —
dms. .....lb. 1.15 - —
Coconut, Manila, crude October, forward, tanks.....lb. .04¾- —
Pac. Cst.....lb. .04 Nom.
edible, 76°, tax incl., dms., (returnable), c.l..lb. .10 - —
l.c.l. .....lb. .10½- —
tanks .....lb. .09½- —
Cod, Newfoundland, tanked, bbls..gal. .52 Nom.
Norwegian, shipt., bbls...gal. .42 Nom.
Codliver, med., USP, Norwegian, bbls..bbl. 25.00 -27.00
for feed purposes, not USP, dms..gal. .50 - .65
Coriander, bots.....lb. 24.00 -25.00
Corn, crude, tanks, works....lb. .07¾ Nom.
refd., bbls.....lb. .10¾- .11
Cottonseed, dom., cooking, bbls. lb. .09½- —
salad, bbls.....lb. .09⅝- —
import., Brazilian semi-refd. dms..lb. .05 Nom.
British, semi-refd., dms..lb. .06 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.85 - 3.10
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import., cns.....lb. 12.00 -12.25
Degras (see D)
Diesel, Bayonne, bulk.....bbl. 2.20 - —
California, 27 plus, bulk..bbl. 1.00 - 1.25
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots.....lb. 5.00 - 5.50
Dip (See D):—
Erigeron, cns.....lb. 1.75 - 1.80
Eucalyptus, cns.....lb. .45 - .54
dms. .....lb. .43 - .51
Fennel, sweet, cns.....lb. 1.20 - 1.30
Fuel, bunker, California, tide-water..bbl. .85 - .95
Gulf Coast.....bbl. 1.00 - 1.05
Louisiana - Arkansas, 10-14, bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.35 - 1.50
Tuesday .....bbl. 1.35 - 1.50
Wednesday .....bbl. 1.35 - 1.50
Thursday .....bbl. 1.35 - 1.50
Friday .....bbl. 1.35 - 1.50
Saturday .....bbl. 1.35 - 1.50
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test....bbl. .95 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test....bbl. 1.07½ - 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04¾- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .05 - —
2, bulk, same basis.....gal. .04¾- .05¼
3, bulk, same basis.....gal. .04¾- .05¼
4, bulk, same basis.....gal. .04¾- .04¾
Louisiana - Arkansas, 32 - 36, light straw..gal. .03¾- .04
Oklahoma, 28-30.....gal. .03¼- .03½
32-36 .....gal. .03½- .03¾
36-38 .....gal. .03¾- .03¾
38-40, straw.....gal. .03¾- .04
38-40 zero, 60 e.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¾- —
Gulf Coast, bulk.....gal. .03½- .03¾
North Texas, bulk.....gal. .02¾- .03
Oklahoma, bulk.....gal. .02⅞- .03½
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.00 - 4.75
Bourbon, cns.....lb. 3.75 - 4.00
Turkish (see Palmarosa).
Grapefruit, cns .....lb. 2.20 - 3.00
Ginger, dist., bots.....lb. 8.00 - 8.50
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms..... 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns....lb. 1.20 - 1.75
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .43 - .45
cns. .....lb. .48 - .50
Lard, common, 1, bbls.....lb. .11¾- —
2, bbls.....lb. .11½- —
extra, bbls.....lb. .13 - —
1, bbls.....lb. .12 - —
headlight, burning, bbls....lb. .14¼- —
prime, ed., bbls.....lb. .15 - —
ined., bbls.....lb. .14 - —
winter, strained, extra bbls., lb. .13¼- —
prime, bbls.....lb. .13½- —
Laurel, bots.....lb. 6.50 - 6.75
Lavandin, cns., 25 lbs.....lb. 2.70 - —
Lavender flower, French, USP, 50% ester, cns..lb. 6.00 - 7.50
U.S.P., 38-42% ester, cns.lb. 5.25 - 6.00
XI, 35% ester, cns..lb. 4.00 - 4.50
XI, 30% ester, cns....lb. 2.80 - 3.00
IX, 30% ester, cns...lb. 2.65 - 2.75
VIII, 30% ester, cns....lb. 2.25 - 2.35
garden, cns.....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.75 - —
Messina, coppers, cns.....lb. 3.50 - 3.75
Lemongrass, native, cns., dms. lb. .40 - .50
Lime, dist., cns.....lb. 6.10 - 6.50
expressed, cans.....lb. 9.50 -10.25
Linalee wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1140- —
l.c.l., 5 or more.....lb. .1180- —
less than 5.....lb. .1220- .1240
tanks .....lb. .1080- —
double boiled, bbls., less than 5..lbs. .1240- .1260
raw, bbls., c.l.....lb. .1100- —
l.c.l., 5 or more.....lb. .1140- —
less than 5.....lb. .1180- —
tanks .....lb. .1040- —
Lovage, bots.....lb. 41.25 -72.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .21 - —
15-25 pour, tanks..gal. .20 - —
150-160 D, 0-10 pour tanks..gal. .23 - —
15-25 pour, tanks..gal. .22½- —
150-160 E, 15-25 pour, tanks..gal. .22 - —
bright stocks, 190-200 D, 15-25 pour, tanks..gal. .26 - —
200 210 E, 15-25 pour, tanks..gal. .25 - —
Oil, lubricating, at refinery, Oklahoma, neutrals, 0-10 pour. 150 vis., 3 color, tans.gal. .18 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½, color, tanks..gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600 cold test, 10-40 pour, tanks..gal. .23 - —
10-15 pour, tanks..gal. .26 - —
cylinder, 600 fire, tanks..gal. .18 - —
600 flash, tanks.....gal. .21½- —
630 flash, tanks.....gal. .25 - .25½
635 fire, tanks.....gal. .19 - —
650 fire, tanks.....gal. .20½- —
Warren, E, amber, tanks, gal. .21½- —
neutral, 150 vis., 3 color, tanks..gal. .24 - —
180 vis.,3 color,tanks.gal. .26 - —
200 vis.,2 color,tanks.gal. .28½- —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .32 - —
unfiltered, 600 s.r., bbls., f.a.s..gal. .28 - —
600 flash, s.r., bbls., c.l., gal. .30½- —
650 s.r., bbls., c.l., f.a.s. gal. .28 - —
Warren, E. bbls., c.l.,f.a.s. gal. .30 - —
smaller lots, f.o.b.gal. .32½- —
Mace, list., cns., dms.....lb. 1.25 - 1.30
Mandarin, superior, coppers..lb. 8.10 - 8.25
Menhaden, crude, tanks, f.o.b. Balto..gal. .37½- —
refd., alkali, dms.....lb. .0820- —
tanks .....lb. .0760- —
blown, dms.....lb. .0820- —
kettle-bodied, dms.....lb. .0920- —
light pressed, dms.....lb. .0760- —
tanks .....gal. .0690- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., cns...lb. 1.85 - 1.90
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .90 - .95
Neatsfoot, cold test, bbls....lb. .17¼- —
extra, bbls.....lb. .12¼- —
1, bbls.....lb. .12 - —
pure, bbls.....lb. .13 - —
special, bbls.....lb. .13 - —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb. 115.00 -140.00
Nutmeg, USP, cns., dms....lb. 1.25 - 1.30
Oiticica, dms.....lb. .14½ Nom.
futures .....lb. .14 Nom.
Oleo, 1, bbls.....lb. 13.00 - —
2, bbls. .....lb. 12.25 - —
Olibanum bots .....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.35 Nom.
edible, bbls.....gal. 2.40 Nom.
foots, bbls. .....lb. .11 Nom.
Sulphonated, 50% (43% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l..lb. .15½- —
l.c.l. .....lb. .16 - —
80% (68% fat), dms., c.l..lb. .16½- —
l.c.l. .....lb. .17 - —
Orange, sweet, dist., cs.....lb. .90 - —
expressed, African, cns., dms..lb. 1.90 - 2.00
Calif., cns.....lb. 2.50 - —
Florida, cns.....lb. 2.50 - 2.65
Messina, USP, coppers.lb. 3.00 - 4.10
West India, cns.....lb. 2.25 - 2.30
Origanum, Spanish, cns.....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .05¼ Nom.
shipment .....lb. .04½ Nom.
softs, 12½%, bulk shipt....lb. .0455 Nom.
20%, bulk, shipt.....lb. .0455 Nom.
Sumatra, shipment, bulk...lb. .05 Nom.
Palmarosa, cns.....lb. 2.90 - 3.00
Palmkernel, bulk, shipt.....lb. .05 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .06¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .06¼- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 5.00 - 8.50
Peanut, crude, dom., tanks, works..lb. .07½ Nom.
refd., edible, bbls.....lb. .11½ Nom.
Pennyroyal, dom., cns.....lb. 1.55 - 1.60
import, cns.....lb. 1.40 - 1.45
Peppermint, natural, cns., dms. lb. 2.55 - 2.80
redist., USP, cns., dms...lb. 2.85 - 3.10
Perilla, dms.....lb. .12½ Nom.
tanks .....lb. .12 Nom.
Petitgrain, Paraguay, cns...lb. 1.10 - 1.25
Pimento berry, cns.....lb. 3.75 - 4.00
leaf, cns.....lb. 2.50 - 2.60
Pine, dest.-dist., straw-color, dms., dlvd., E. ports...gal. .52 - .55
steam-dist., dms.....gal. .69 - —
tanks .....gal. .64 - —
Pineneedle, Siberian, cns....lb. 1.00 - 1.05
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal. .....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14¼- .14½
denat., bbls.....gal. .95 - .96
Red, dist. or saponif., bbls., dlvd..lb. .10⅞- .11⅞
dms., dlvd.....lb. .10¾- .11¾
tanks, dlvd.....lb. .10 - —
white, dms.....lb. .14½- .15
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....os. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms., ...lb. .51 Nom.
Rosin, 1st, rectfd., dms....gal. .58 - .60
2d rectfd, dms.....gal. .60 - .62
3d rectfd., dms.....gal. .64 - .66
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.65 - 1.70
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns .....lb. 5.25 - 5.50
Sardine, crude, tanks, Pac. Cst., gal. .37½- —
refd., alkali, dms.....lb. .0820- —
tanks .....lb. .0760- —
kettle-bodied, dms.....lb. .0920- —
light, pressed, dms.....lb. .0760- —
tanks .....lb. .0690- —
Sassafras, artif., cns.....lb. .41 - .42
dms. .....lb. .39 - .40
natural, cns., dms.....lb. .90 - 1.05
Savin, cns.....lb. 1.50 - 1.60
Savory, cns .....lb. 3.15 - 3.20
Sesame, dom., refd., white, dms. lb. .11½ Nom.

Naphtha—Paraffin

Oil, shingle stain, bbls., c.l., works..gal. .18 - —
l.c.l., works.....gal. .14 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 10.00 -11.00
Soybean, dom., crude, dms..lb. .0910- .0950
tanks .....lb. .0850- —
refd., dms.....lb. .1010- .1050
tanks .....lb. .0950- —
Spearmint, USP, cns.....lb. 2.00 - 2.05
Sperm, bleach, 38°, dms....lb. .1000- .1020
45°, dms .....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cans.....lb. 1.05 - 1.10
Sweet birch, North, cns.....lb. 3.25 - 3.50
South, cns .....lb. 1.65 - 2.00
Tallow, acidless, bbls.....lb. .12 - —
tanks .....lb. .11½- —
Tansy, cns.....lb. 4.25 - 4.30
Tar, com'l, dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., dlvd. E. ports..gal. .50 - —
Tar acid (see T)
Teaseed, crude, dms.....lb. .09¼- .09½
refined, dms .....lb. .12½- .12⅝
Thyme, NF, red, dms.....lb. .85 - 1.50
white, dms .....lb. .85 - 1.70
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T)
Turtle, cns.....gal. 4.25 - 5.00
Valerian, bots.....lb. 12.00 -14.00
Vetiver, bots.....lb. 9.00 -16.50
Walnut, crude, dms.....lb. .13 Nom.
refd., dms. .....lb. .14 Nom.
Whale, refd., natural, dms..lb. .0940- .0960
winter, bleach, dms.....lb. .0980- .1000
Wheat germ, cns., dms....gal. 27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms.gal. .54 - .56
95-105 vis., dms.....gal. .65 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80¾
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- 87½
335-345 vis., dms.....gal. .87 - .89
Russian, 80-90 vis., dms. gal. .54- —
145-155 vis., dms.....gal. .74½- —
175-185 vis., dms.....gal. .76½- —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.70 - 2.75
Wormwood, cns.....lb. 2.90 - 3.00
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 4.00
Manila, bots. .....lb. 18.00 -24.00
Opium, USP, cns.....lb. 11.50 -12.50
gran., cns.....lb. 12.50 -13.50
powd., cns.....lb. 12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .12¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. .....lb. .12¾- —
Colo., Mont., N.M., Wyo. lb. .12½- —
Other points .....lb. .12 - —
smaller lots, dlvd. Ala., etc..lb. .12¾- —
Ariz., etc. .....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
Other points .....lb. .12½- —
French, Tours, csks., ex dock..lb. .17 - —
kgs., ex dock.....lb. .18½- —
Molybdate, bbls. .....lb. .31 - —
Peel, bitter, bls.....lb. .08 - .09
Sweet, bls.....lb. .10 - .11
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .80 - .85
Orris root, Florentine, bgs....lb. .08 - .09
fingers, cs.....lb. .90 - .95
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .08 - .09
powd., bxs, cs.....lb. .11 - .12
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroaniiin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .85 - .75
Orthocresol, dms., c.l., works..lb. .13½- —
l.c.l., same basis.....lb. .14¾- —
Orthodichlorobenzene, dms, c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., dms., same basis...lb. .07 - —
100 lb. tins, same basis..lb. .08 - —
50 lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Othonitroaniiin, dms.....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .28 - .29
Orthonitroparachlorophenol, cns. lb. .70 - .75
Orthonitrotoluene, dms.....lb. .07 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14 - —
Osage orange extract, cryst., bbls. lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.60 - 1.65
Paprika, Hungarian, extra fancy, bgs..lb. .21 - .21½
medium, bgs.....lb. .20¾- .21
Spanish, extra fancy, cs....lb. .26½- .27
fair, bgs.....lb. .23 - .23½
fancy, bgs.....lb. .26 - .26½
medium, bgs.....lb. .24½- .25
Para-aminoacetanilide, kgs....lb. .85 Nom.
Para-amyiphenol, tertiary, dms., c.l., works..lb. .26 - —
Parachlorophenol, dms.....lb. .30 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .16 - .20
kgs .....lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .03 - —
bbls., c.l., N. Y....lb. .0295- .03
124-126 A.m.p., bgs. c.l., Okla., refy..lb. .03½- —
bbls., c.l., N. Y....lb. .03 - .0305
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¾ Nom.

Paraffin—Petroleum Naphtha

Paraffin, fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.0445-	—
export, f.a.s., N. Y.	lb.	.0465-	—
125-127 A.m.p., bgs., c.l.	lb.	.0455-	—
export, f.a.s., N. Y.	lb.	.04¾-	—
128-130 A.m.p., bgs., c.l.	lb.	.0480-	—
export, f.a.s., N. Y.	lb.	.05 -	—
130-132 A.m.p., bgs., c.l.	lb.	.0495-	—
export, f.a.s., N. Y.	lb.	.0515-	—
133-135 A.m.p., bgs., c.l.	lb.	.0555-	—
export, f.a.s., N. Y.	lb.	.05¾-	—
135-137 A.m.p., bgs., c.l.	lb.	.0580-	—
export, f.a.s., N. Y.	lb.	.06 -	—
138-140 A.m.p., bgs., c.l.	lb.	.0635-	—
143-145 A.m.p., bgs., c.l.	lb.	.0790-	—
refined paraffin prices in cases are ½c. lb higher than bags price			
match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.03¼-	—
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.03¼	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34 -	—
100 to 900 lb. shipments, same basis	lb.	.35 -	—
Paraldehyde, tech., dms., wks.	lb.	.16 -	.18
USP, cbys	lb.	.37 -	.45
Paranitroanilin, kgs., c.l., works	lb.	.45 -	—
l.c.l., works	lb.	.47 -	—
Paranitrochlorobenzene, kgs.	lb.	.23½-	.24
Paranitrophenol, kgs.	lb.	.35 -	.37
Paranitrotoluene, kgs.	lb.	.35 -	—
Paraphenylenediamine, bbls.	lb.	1.25 -	1.30
Paratoluenesulphonamide, bbls.	lb.	.70 -	.75
Paratoluidin, bbls.	lb.	.56 -	—
Pareira brava root, bls.	lb.	.14 -	.15
Paris green, dealer, dms., kgs., c.l., f.o.b. N. Y., frt. all'd E. of Cleve.	lb.	.22 -	.24
less car lot, same basis	lb.	.23 -	.25
Passion flower herb, bls.	lb.	.06½-	.07
Patchouli leaves, bls.	lb.	.14 -	.15
Pellitory root, bls.	lb.	.16 -	.17
Pennyroyal, bls.	lb.	.14 -	.15
Pentane, norm., 28-38°, dms., c.l., G.3.	gal.	.12¼-	—
l.c.l., G.3	gal.	.16 -	—
tanks, G.3	gal.	.08½-	—
laboratory grade, dms., c.l., G.3.	gal.	.16 -	—
l.c.l., G.3	gal.	.25 -	—
Pepper, black, Alleppy, bgs.	lb.	.09½-	.09¾
Lampong, bgs.	lb.	.06¾-	.07
Tellicherry, bgs.	lb.	.10 -	.10½
Red, birdseye, bgs.	lb.	.14¼-	.14¾
Japanese 1, bgs.	lb.	.12¾-	.13
Mombassa, bgs.	lb.	.17 -	.17½
White, Java, Muntok, bgs.	lb.	.10¼-	.10¾
Singapore, Muntok, bgs.	lb.	.10¼-	.10½
Peppermint leaves, dom., bls.	lb.	.28 -	.30
import, bls.	lb.	.40 -	.42
Peru balsam, dms.	lb.	.95 -	1.00
Petrolatum, amber, bbls., c.l.,	lb.	.02¾-	.03
l.c.l.	lb.	.04 -	.04¼
extra, bbls.	lb.	.03½-	.03¾
l.c.l.	lb.	.04¼-	.04½
cream (see white, cream)			
green (see red)			
red, veterinary, bbls., c.l.	lb.	.02¾-	.02⅞
l.c.l.	lb.	.03¾-	—
white, cream, bbls., c.l.	lb.	.05 -	.05¼
l.c.l.	lb.	.06⅜-	—
lily, bbls., c.l.	lb.	.06 -	.06¼
l.c.l.	lb.	.07⅜-	—
snow, bbls., c.l.	lb.	.07 -	.07¼
l.c.l.	lb.	.08⅜-	—

Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74 -	.96
Athens	bbl.	.84 -	1.66
Belridge	bbl.	.70 -	1.32
Buena Vista Hills	bbl.	.70 -	1.38
Coalinga	bbl.	.70 -	.90
Coyote Hills (West)	bbl.	.78 -	1.32
Dominguez	bbl.	.79 -	1.00
East Coyote	bbl.	.76 -	.96
Elk Hills	bbl.	.70 -	1.38
Elwood Terrace, f.o.b. ship.	bbl.	1.28 -	1.43
Huntington Beach	bbl.	.78 -	1.22
Inglewood	bbl.	.79 -	1.27
Kern Front	bbl.	.70 -	—
Kern River	bbls.	.70 -	—
Kettleman Hills	bbl.	1.19 -	1.43
La Habra	bbl.	.76 -	.96
Lakeview	bbl.	.70 -	1.38
Lost Hills	bbl.	.70 -	1.32
McKittrick	bbl.	.70 -	—
Midway - Sunset (except Lakeview)	bbl.	.70 -	1.38
Montebello	bbl.	.77 -	1.43
Mt. Poso	bbl.	.70 -	—
Mountain View	bbl.	.70 -	1.20
Newhall	bbl.	.70 -	—
Ojai Bros.	bbl.	.76 -	1.27
Orcutt	bbl.	.70 -	.98
Playa del Rey, f.o.b. pipeline	bbl.	.80 -	1.16
Richfield	bbl.	.76 -	1.06
Rosecrans	bbl.	.84 -	1.66
Round Mt.	bbl.	.70 -	—
Santa Fe Springs	bbl.	.78 -	1.42
Santa Paula	bbl.	.70 -	1.01
Seal Beach	bbl.	.79 -	1.19
Signal Hill	bbl.	.80 -	1.21
Torrence	bbl.	.80 -	1.05
Wheeler Ridge	bbl.	.70 -	.88
Whittier	bbl.	.76 -	.96

Petroleum, crude, bulk, at wells,			
Canada:—			
Oil Springs	bbl.	2.17 -	—
Petrolia	bbl.	2.10 -	—
Central West:—			
Illinois	bbl.	1.85 -	—
Lima	bbl.	1.25 -	—
Midland (Mich.)	bbl.	1.42 -	—
Princeton	bbl.	1.35 -	—
East Texas	bbl.	1.35 -	—
Gulf Coast:—			
Barber's Hill	bbl.	.95 -	1.41
Batson	bbl.	.95 -	1.41
Dayton	bbl.	.95 -	1.41
Esperson	bbl.	.95 -	1.41
Goose Creek	bbl.	.95 -	1.41
Hull	bbl.	.95 -	1.41
Humble	bbl.	.90 -	1.41
Liberty	bbl.	.90 -	1.41
Markham	bbl.	.90 -	1.29
Orange	bbl.	.95 -	1.41
Pettus	bbl.	1.37 -	—
Pierce Junction	bbl.	.95 -	1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	1.01 -	1.17
Saratoga	bbl.	.95 -	1.41
Sour Lake	bbl.	.90 -	1.41
Spindle Top	bbl.	.95 -	1.41
Sugarland	bbl.	.95 -	1.41
West Columbia	bbl.	.95 -	1.41
Kentucky, Tennessee:—			
Big Sandy river	bbl.	1.42 -	—
Kentucky river	bbl.	1.50 -	—
Western Kentucky (Owensboro)	bbl.	1.40 -	—
Louisiana, Arkansas:—			
Bull Bayou	bbl.	.90 -	1.22
Caddo	bbl.	.90 -	1.22
Cameron Meadows	bbl.	.90 -	1.30
Choctaw	bbl.	.90 -	1.30
Cotton Valley	bbl.	.90 -	1.22
Darrow	bbl.	.90 -	1.30
De Soto	bbl.	.90 -	1.22
El Dorado	bbl.	.90 -	1.22
Haynesville	bbl.	.90 -	1.22
Homer	bbl.	.90 -	1.22
Iowa	bbl.	.90 -	1.30
Lockport	bbl.	.90 -	1.30
Miller County	bbl.	.90 -	1.22
Pine Island	bbl.	.90 -	1.22
Rainbow	bbl.	.90 -	1.22
Rodessa	bbl.	.90 -	1.22
Smackover	bbl.	.90 -	—
Tepetate	bbl.	1.24 -	—
Urania	bbl.	1.02 -	—
Mexico, f.o.b. terminals Mexican ports—based on contract:—			
Panuco	bbl.	1.05 -	—
Tax, 15.801c. per bbl.			
Tuxpan	bbl.	No Prices.	
Tax, 25.662c. per bbl.			
Midcontinent:—			
North Texas	bbl.	.96 -	1.20
Oklahoma-Kansas	bbl.	.98 -	1.30
Altus, Tipton (Okla.),	bbl.	.96 -	1.20
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.82 -	—
Corning	bbl.	1.42 -	—
Pennsylvania grade, in Buckeye lines.	bbl.	2.37 -	—
Eureka lines	bbl.	2.52 -	—
S.W. Penn lines	bbl.	2.57 -	—
lower district in National Transit lines.	bbl.	2.77 -	2.82
Rocky Mountain:—			
Big Muddy	bbl.	1.18 -	1.23
Cannon City-Florence	bbl.	1.10 -	—
Cat Creek	bbl.	1.40 -	—
Dutton Creek	bbl.	1.06 -	1.30
Elk Basin	bbl.	1.30 -	—
Fort Collins-Wellington	bbl.	1.01 -	1.25
Frannie, light	bbl.	.82 -	—
Grass Creek	bbl.	1.30 -	—
Greybull	bbl.	1.30 -	—
Iles	bbl.	1.12 -	1.18
Lance Creek	bbl.	.97 -	—
Midway	bbl.	1.06 -	1.30
Rock Creek	bbl.	1.20½-	—
Salt Creek	bbl.	1.06 -	1.30
Sunburst	bbl.	1.20 -	—
Torchlight	bbl.	1.30 -	—
South, Central and Southwestern Texas:—			
Cass County	bbl.	.93 -	1.25
Cleveland-Liberty	bbl.	1.27 -	—
Conroe	bbl.	1.20 -	1.44
Darst Creek	bbl.	1.09 -	—
Hardin-Liberty	bbl.	1.15 -	—
Luling	bbl.	1.00 -	—
Lytton Springs	bbl.	1.12 -	—
Mirando (incl. Duval)	bbl.	.96 -	1.36
Panola County	bbl.	.93 -	1.25
Salt Flat	bbl.	1.09 -	—
Tomball	bbl.	1.20 -	1.44
Van	bbl.	1.10 -	—
Texas Panhandle:—			
Carson-Hutchinson counties,	bbl.	.91 -	1.03
Gray County	bbl.	.96 -	1.08
West Texas:—			
Artesia, N. M.	bbl.	.90 -	—
Crane	bbl.	.78 -	1.08
Crockett	bbl.	.78 -	1.08
Ector	bbl.	.78 -	1.08
Glasscock	bbl.	.78 -	1.08
Hogback	bbl.	1.33 -	—
Howard	bbl.	.78 -	1.08
Jackson, N. M.	bbl.	.90 -	—
Lea, N. M.	bbl.	.78 -	1.08
Maljamar, N. M.	bbl.	.90 -	—
Mitchell	bbl.	.78 -	1.08
Pecos	bbl.	.91 -	—
Upton	bbl.	.78 -	1.08
Winkler	bbl.	.78 -	1.08
Ether, 30-60°, dms., c.l., G. 3.	gal.	.14 -	—
l.c.l., G.3	gal.	.17 -	—
tanks, G.3	gal.	.13 -	—
55-60°, dms., l.c.l., G.3	gal.	.35 -	—
40-75° dms., c.l., G.3	gal.	.14 -	—
l.c.l., G.3	gal.	.16 -	—
tanks, G3	gal.	.13 -	—
laboratory grade, dms., c.l., G.3.	gal.	.16 -	—
c.l., G.3	gal.	.25 -	—
10-gal. lots, G.3	gal.	.50 -	—
Lacquer, diluent, at refinery:— California 60,169 i.b.p., 263 e.p., tanks, delvd., Los Angeles.	gal.	.11 -	—
San Francisco.	gal.	.11½-	—
f.o.b. Richmond.	gal.	.11½-	—
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.12 -	—
East Coast, tanks	gal.	.12 -	.12½
Group 3, tanks	gal.	.08⅜-	.08⅝
Naphtha, cleaners, at refinery:— East Coast, tanks	gal.	.10 -	—
Group 3, tanks	gal.	.07⅜-	.07⅝
tankwagon, Boston, ex-tax,	gal.	.13 -	—
Bridgeport	gal.	.13½-	—
Chicago, inc. 4c. tax	gal.	.171 -	—
Decatur, inc. 4c. tax	gal.	.19 -	—
Des Moines, inc.4c. tax.	gal.	.188 -	—
Evansville, inc. ex tax.	gal.	.14½-	.15½
Milwaukee, inc. 5c. tax,	gal.	.203 -	—
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.204 -	—
Newark, ex tax.	gal.	.12 -	—
New York, ex tax.	gal.	.12 -	—
Omaha, ex tax.	gal.	.144 -	.154
Oklahoma City, ex tax.	gal.	.16 -	—
Philadelphia, ex tax.	gal.	.11½-	—
St. Louis, inc. 1c. tax.	gal.	.157 -	—

Busy

MEETING THE DEMAND FOR CROWN CANS . . .

USERS of cans need dependable service. And Crown Can is making sure that they get it. Although a tremendous demand for Crown Cans has resulted from this company's methods of doing business, adequate plant capacity has been provided to meet all commitments for this season. Production is greatly facilitated by the fact that Crown Can Plants are equipped with the latest and most efficient can-making machinery.

Crown Cans and Service offer you many advantages. A representative will give you details without obligation.

PACKERS CANS FOR 1937
sold f.o.b. Philadelphia, Baltimore, St. Louis, Houston, Madison and other selected points.

Crown Cans

CROWN CAN COMPANY • PHILADELPHIA, PA.
Independent and Helpful
DIVISION OF CROWN CORK & SEAL COMPANY

Petroleum, naphtha, cleaner's, tankwagon, Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans.....gal. .21 - —
high solvency, aromatic, S. tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J..gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt...gal. .16¼- —
30, same basis.....gal. .18¼- .19
40, same basis.....gal. .14½- .15½
V. m. & p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11⅛- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10⅛- —
Portland, Seattle..gal. .11 - —
East Coast, tanks.....gal. .11 - —
Group 3, tanks.....gal. .07⅝- .07⅞
tankwagon, Boston, ex tax ..gal. .13 - .14
Chicago, inc. 4c. tax..gal. .161 - —
Decatur, inc. 4c. tax..gal. .19 - —
Des Moines, inc. 4c. tax.gal. .188 - —
Evansville, Ind.,ex tax.gal. .147 - .157
Milwaukee, inc. 5c.tax.gal. .203 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .204 - —
Newark, ex tax.....gal. .13½- —
New York, ex tax.....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .157 - —
Solvent, rubber, at refinery, East Coast, tanks..gal. .10 - —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .07⅝- .07⅞
standard, 180 i.b.p., 288 e.p., tanks, gal. .07⅝- .07⅞
Stoddard (CS 3-28), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .08⅞- .07⅝
tankwagon, Boston, ex tax gal .12½- .13½
Chicago, inc. 4c. tax...gal. .153 - —
Decatur, inc. 4c. tax..gal. .18 - —
Des Moines, inc. 4c.tax.gal. .178 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax, gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .18 - —
Newark, ex tax.....gal. .11½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .11½- —
Omaha .....gal. .131 - .141
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .146 - —
Tulsa, ex tax.....gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond .....gal. .13½- —
Seattle, Wash....gal. .15½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .10⅛- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09¼- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11⅛- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- .10
Group 3, tanks.....gal. .06⅞- .06⅞
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals.....gal. .13½- .15½
Boston .....gal. .12½- .13½
Bound Brook, North Amboy, N. J. .....gal. .11½- .13½
Bridgeport, Conn. ....gal. .13 - —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .115 - .135
Chicago .....gal. .158 - —
Decatur, Ill. .....gal. .18 - —
Des Moines .....gal. .178 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee .....gal. .193 - —
Minneapolis-St. Paul..gal. .194 - —
Newark .....gal. .10½- .11
New York (200 gals.).gal. .11 - —
smaller lots.....gal. .11½- .12
Omaha .....gal. .131 - .141
Philadelphia .....gal. .115 - .135
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. .12 - .16
St. Louis.....gal. .147 - —
Syracuse .....gal. .14 - —
Trenton .....gal. .11½- .14
Wilmington, Del.....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.85 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.50 - —
cns., 25 lbs.....lb. 4.75 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .13¾- .14¼
l.c.l., same basis.....lb. .14 - .15
tanks, works.....lb. .12¾- —
tins, c.l., same basis.....lb. .14¼- .15¼
l.c.l., same basis.....lb. .15 - .16
Phenolphthalein, USP, bbls.,dms. 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots. lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde dimethylacetate, cns..lb.14.50 -15.00
Phenylacetadehyde, bots.....lb. 2.25 - 3.50
Phenylethylphenyl acetate, bots., lb.15.50 -16.00
Phenylhydrazine base, CP, bots. lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works....lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins,works.lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines..... long ton. 2.85 - —
75% basis, 74% min., bulk, mines..long ton. 3.85 - —
Tenn., 72%, bulk, mines.. long ton. 4.50 - —
75%, bulk, mines...long ton. 5.50 - —

Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .24 - .30
Oxychloride, cyls.....lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis..... lb. .15½- —
Picbi leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vis..oz. 2.50 - 2.75
Nitrate, bots., vis..... ..oz. 2.40 - 2.65
Pimento, bgs.....lb. .15 - .15½
Pinkroot, bls.....lb. .42 - .45
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. ....ton.22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton.23.75 -24.00
Linseed, dms.....lb. .04¾- .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .18
Podophyllin, fib., dms., 100 lbs., lb. 3.90 - —
cns., 25 lbs.....lb. 4.15 - —
Poke root, bls.....lb. .06½- .07
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .40 - .42
Seed, Dutch, bgs.....lb. .08¾- .08¾
Polish, bgs.....lb. .07¾ Nom.
Potash acetate, USP, fib., dms., 350 lbs..lb. .28 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
gran., bbls., 250 lbs.....lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
Bichromate, spot, c.l., works.. lb. .08¾- —
6 casks or 10 bbls., or over, works..lb. .08¾- —
5 casks or 9 bbls. or less, works..lb. .09 - —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .18
Bromide, U.S.P., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06¼- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works—lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd....lb. .02¾- —
l.c.l., 10 dms. or over.lb. .03¼- —
less than 10 dms....lb. .03½- —
tanks, dlvd.....lb. .02¾- —
USP, gran., bbls., 325 lbs..lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import., dms.....lb. .07 - .07½
liquid, 45% basis, dms....lb. .03½- .03½
tanks .....lb. .02½- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, csks.....lb. .06¼- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08¼- .08¾
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .19 - .28
Citrate, USP, gran., bbls., 250 lbs..lb. .35 - —
kgs., 100 lbs.....lb. .36 - —
cns., 50 lbs.....lb. .37 - —
cns., 25 lbs.....lb. .39 - .40
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.40 - —
Guaiacolsulphonate, fib., dms., 100 lbs..lb. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs..lb. .80 - —
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bbls., bots., 5 lbs....lb. 3.17 - —
cns., 25 lbs.....lb. 3.05 - —
Iodide, bbls., 250 lbs.....lb. .93 - —
bots., or cns.....lb. 1.02 - 1.28
dms.....lb. .95 - .96
Kainit, 20% K_2O, bulk, c.l.f. ports..ton.12.75 - —

Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.

Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports, unit-ton. .58¼- —
import., 30%, K_2O, bulk, shipt. unit-ton. .63½- —
Metabisulphite, kgs.....lb. .13 - .15
Muriate, dom., all strengths, min. 50% K_2O, bulk... unit-ton. .53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports..unit-ton. .53½- —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works.....lb. .09 - .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs.lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.38.00 - —
Vegetable, bulk, f.o.b. Balto.ton.19.97 Nom.
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.25.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls.....lb. .12 - 13
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .21 - .22
Propane, tanks, G.3.....gal. .03 - .04¾
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .19
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works..lb. .04½- —

Pumice stone, Ital.-grd., bgs., c.l., shipt. ex dock N.Y..ton.32.85 Nom.
l.c.l., 3-29 tons, ex whse. ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs.,ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .11 - .14
Purple lake (see Red).
Putty, com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs.....100 lbs. 3.10 - —
100-499 lbs.....100 lbs. 3.25 - —
linseed oil, raw, dms., 1,000 lbs. 100 lbs. 4.65 - —
500-999 lbs.....100 lbs. 4.85 - —
100-499 lbs.....100 lbs. 5.00 - —
refined, dms., 1,000 lbs., 100 lbs. 5.15 - —
500-999 lbs.....100 lbs. 5.35 - —
100-499 lbs.....100 lbs. 5.50 - —
standard, dms., 1,000 lbs., 100 lbs. 3.65 - —
500-999 lbs.....100 lbs. 3.85 - —
100-499 lbs.....100 lbs. 4.00 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand..gal. 5.00 - 5.25
basis (30 to 1) 3.6% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand, gal. 7.75 - 7.85
Pyrethrum flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over, lb. .18 - —
fine powd. Japan, bbls., ton lots, frt. alld..lb. .19 - —
Pyridin, denaturing, dms....gal. 1.55 - —
refd., 2° dms.....lb. .45 - —
Pyrites, Spanish,, bulk, c.i.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.90 - —
Pyroxylin scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs., works..lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent paste cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03½- —
tanks, works.....lb. .03 - —
solid, 63% bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —
Queen of the meadow herb, bgs..lb. .06 - .07
Root, bgs.....lb. .06 - .07
Quercitron, extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms.....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flasks.92.00 -93.00
Quince seed, bgs.....lb. .75 - 1.50
Quinidine, cryst., small cns...oz. .96 - —
large, cns.....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .98 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydrolodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns...oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .06 - .06½
Dutch, bgs.....lb. .06¼- .06¾
Japanese, bgs.....lb. .06 - .06½
Raspberries, dried, bbls.....lb. .75 - .80
Red, alizarin lake bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - —

Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Amaranth (see Red, maroon, lake)
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton-lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton-lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —

Petroleum Naphtha—Safrol

Red, cadmium, lithopone, maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
medium shade, kgs., ton lots., same basis..lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark corks.lb. 2.75 - —
light, works.....lb. 2.25 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works....lb. 1.75 - —
Carmine, 40, cns., 500 lbs....lb. 4.00 - —
100 lbs. .....lb. 4.15 - —
11 lbs. .....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin toner, blue shade, bbls. lb. 1.55 - —
yellow shade, bbls.....lb. 1.40 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake contracts..lb. .75 - —
open order .....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.50 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls. 1.50 - 1.60
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- —
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic Rhodamine Y, bbls..lb. 3.50 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs.,same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd...lb. .08¾ Nom
Toluidin toner, kgs., same basis alizarin lakes..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermillion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lbs..lb. 1.75 - —
smaller lots.....lb. 1.76 - 1.84
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms..lb. 1.84 - 1.86
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .08½- .10
Rhodinol, bots.....lb. 5.75 -15.00
Rhubarb root, cs.....lb. .50 - .55
powd., bbls., kgs.....lb. .60 - .65
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .15 - —
smaller lots.....lb. .15½- —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .16 - —
smaller lots.....lb. .16½- —
Rose flowers, pale, bls.....lb. .25 - .30
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05½- .06
Rosin, gum, B, bbls., ex dock.. 280 lbs. 9.05 - —
D, bbls.....280 lbs. 9.10 - —
E, bbls.....280 lbs. 9.10 - —
F, bbls.....280 lbs. 9.25 - —
G, bbls.....280 lbs. 9.25 - —
H, bbls.....280 lbs. 9.25 - —
I, bbls.....280 lbs. 9.25 - —
K, bbls.....280 lbs. 9.25 - —
M, bbls.....280 lbs. 9.25 - —
N, bbls.....280 lbs. 9.30 - —
W. G., bbls.....280 lbs. 9.45 - —
W. W., bbls.....280 lbs.10.05 - —
X, bbls.....280 lbs.10.05 - —
Wood, New York, F. F., bbls., 280 lbs. 8.56 - 9.65
K, bbls.....280 lbs. 8.66 - 9.75
M, bbls.....280 lbs. 8.81 - 9.90
N, bbls.....280 lbs. 9.56 -10.65
Rottenstone, dom., bgs., c.l.,f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .23

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.73 - 2.05
Safflower, bls.....lb. .25 - .26
Saffron, Mexican, bls.....lb. .45 - .50
Spanish, tins.....lb.20.00 -21.00
Safrol, cns.....lb. .50 - .58
dms. .....lb. .47 - .55

Sage—Tankage

Sage, Dalmatian, stemless....lb. .06 - .06½
garden, bls.....lb. .06¼- .06¾
Sago flour, bgs.....lb. .03¼- .04¼
Salicin, bots., 5 lbs.....lb. 4.25 - —
cns., 25 lbs.....lb. 4.00 - —
Salol, gran., bbls., 200 lbs....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.11.80 -12.80
l.c.l., bgs., dlvd., N. Y.ton.14.00 -14.50
vacuum, common, fine, bgs.,c.l.,
dlvd., N. Y..ton.14.80 - —
l.c.l., dlvd. N. Y.....ton.15.50 - —
Saltcake, grd., dom., bbls., works,
ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-
20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots..100 lbs. 7.40 - 8.15
gran., bbls., 10-20 tons.100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots..100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots..100 lbs. 7.40 - —
Santonin, cryst., cns.....lb.25.00 -26.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .45 - .50
Mexican, bls. .....lb. .19 - .20
Sassafras bark, ord., bls.....lb. .12 - .13
select, bls.....lb. .22 - .23
Savory, bbls.....lb. .08 - .08½
Saw palmetto berries, bgs.....lb. .40 - .45
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs.,
1 shipm't..lb. .12⅝- —
smaller lots .....lb. .13½- —
kegs, 5,000 lbs., 1 shipm't.lb. .13½- —
smaller lots .....lb. .13⅝- —
Senega root, bls.....lb. .60 - .62
Senna leaves, Alexandria, bls.lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .10 - .11
2, bls.....lb. .07 - .08
3, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .06 - .07
Serpentaria roots, bls.....lb. .80 - .85
Shellac, bleached, bonedry, bbls.,
f.o.b., N.Y..lb. .17½- .18
dlvd. Boston.....lb. .18 - .18½
Chicago .....lb. .18½- .19
Pacific Coast .....lb. .19½- .20
refd., bbls., f.o.b. N. Y....lb. .24 - .25
dlvd. Boston.....lb. .19 - .19½
Chicago .....lb. .19½- .20
Pacific Coast.....lb. .20½- .21
Garnet, bgs.....lb. .14 - .15
Orange, D.C., VSO., Diamond,
cases..lb. .22 - .23
superfine, bgs., f.o.b. Bost.,
N. Y....lb. .13½- .14
dlvd. Chicago.....lb. .14½- .15
Pacific Coast.....lb. .16½- .17
T N., bgs., f.o.b. Bost., N.Y.,
lb. .12½- .13
dlvd., Chicago.....lb. .13½- .14
Pacific Coast.....lb. .15½- .16
Shellac, varnish, orange, 5-lb.
cut, bbls..lb. .90 - 1.06
4½-lb. cut, bbls.....gal. .85 - .95
4-lb. cut, bbls.....gal. .80 - .90
white, 5-lb. cut, bbls....gal. 1.05 - 1.15
4½-lb. cut, bbls.....gal. 1.00 - 1.10
4-lb. cut, bbls.....gal. .95 - 1.05
Silica amorph., dry-grd., 95-97%,
325 mesh, bgs., c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh,
bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works,
ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98%, 325 mesh, bgs., c.l.,
works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l.,
works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs.,
c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7757- —
Nitrate, vis.....oz. .32⅝- .34⅞
Nucleinate, bots., cns., 480 ozs.,
oz. .30 - .31
Proteinate, bots., cns., 480 ozs.,
oz. .29 - .30
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....lb.76.00 -80.00
Skullcap, Eastern, bls.....lb. .25 - .26
Western, bls.....lb. .18 - .20
Skunk cabbage root, bls.....lb. .15 - .16
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .00 - .10
Smalt, black, extra velvet, ctns.
lb. .05 - .08
Blue, cts.....lb. .07 - .08⅛
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .10 - .11
powd., bbls.....lb. .13 - .14
Soda, abietate, dms.....lb. .13 - —
Acetate, anhyd., dms.....lb. .08¼- —
flake, gran., powd., 60%,
dms..lb. .04¼- .05
Alginate, dms.....lb. .69 - —
Antimoniate, bbls.....lb. .14¾- .15¼
Arsenate, dms., dealers, c.l.,
works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l.,
dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers'
works..lb. .09 - .13
l.c.l., dms., works.....lb. .09½- .13½
liquid, dms., works.....gal. .30 - .33
Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Soda ash, dense, 58%, bgs., c.l
works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.03 - —
2 .....100 lbs. 2.18 - —
3 .....100 lbs. 2.43 - —
4 .....100 lbs. 2.83 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.40 - —
3 .....100 lbs. 2.65 - —
4 .....10 lbs. 3.05 - —
bulk, c.l., works.....100 lbs. .95 - —

Soda ash, extra light, 58%, bgs.,
c.l..100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2 .....100 lbs. 2.13 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.78 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works.
100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 1.98 - —
2 .....100 lbs. 2.13 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.78 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.40 - —
3 .....100 lbs. 2.65 - —
4 .....100 lbs. 3.05 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000
lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 lbs., or
more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs. or more.lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, gran., bbls., c.l.,
works..100 lbs. 2.15 - —
powd., bbls., c.l., works..
100 lbs. 1.75 - —
l.c.l., dlvd. N. Y...100 lbs. 2.39 - —
kgs., c.l.....100 lbs. 2.00 - —
l.c.l., dlvd. N. Y...100 lbs. 2.64 - —
Bichromate, spot, c.l., works,
lb. .06⅜- —
6 cks. or 10 bbls. or over,
works..lb. .06¾- —
5 cks. or 9 bbls. or less,
works..lb. .07 - —
Bifluoride, bbls.....lb. .12 - —
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l.,
works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l.,
works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
33 deg., bbls., c.l., works.
100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works.
100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., c.l., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, U.S.P., gran., bbls.,
500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bots., 5 lbs.....lb. 6.82 - —
jars, 25 lbs.....lb. 6.50 - —
Carbonate (see Soda ash, soda menohydrated soda, sal)
Caustic, flake, 76% 1, grd., powd.,
ammon. process, bbls.,
c.l., works..100 lbs. 2.70 - —
dms., c.l., works...100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.45 - 4.80
2 .....100 lbs. 3.60 - 4.95
3 .....100 lbs. 3.85 - 5.20
4 .....100 lbs. 4.25 - 5.00
electro process, dms., c.l.,
works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks,
tanks, works..100 lbs. 1.95 - —
seller's tanks, works.....
100 lbs. 1.97½- —
70%, buyer's tanks, works,
100 lbs. 1.97½- —
seller's tanks, works.....
100 lbs. 2.00 - —
solid, 76%, ammon. process,
dms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.05 - —
2 .....100 lbs. 3.20 - —
3 .....100 lbs. 3.45 - —
electro process, dms., c.l.,
works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The same zones are also the same.

Chlorate, dom., cryst., bgs.,
c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P. VIII, gran.,
bbls..225 lbs. .21 - —
cns. 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .22 - —
USP X, gran., bbls., 250 lbs.
lb. .27½- —
cns. 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32½
kgs., 100 lbs.....lb. .28 - —
powd., bbls., 250 lbs.....lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs., 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17¼
import., cs.....lb. .16¼- .17
Fluoride, white, 90%, bbls.,
c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same
basis..lb. .07½- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis.
lb. .07½- —
l.c.l., 10 or over, same
basis..lb. .07¾- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N.F., cryst.,
bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots,
lb. 1.05 - —
smaller lots .....lb. 1.20 - —
cns., 25 lbs. .....lb. 1.45 - —

Soda, hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP, sticks, cns.,
160 lbs..lb. .23 - .24
Hypophosphite, N.F., cns., 100
lbs..lb. .67 - —
Hyposulphite, cryst., large,
bbls., 100 lbs. 2.40 - 2.65
pea, bbls. .....100 lbs. 2.50 - 3.05
gran., bbls. .....100 lbs. 2.75 - 3.30
Iodate, jars .....lb. 5.02 - 5.07
Iodide, jars .....lb. 1.90 - 1.95
Mandelate, bots., 5 lbs.....lb. 3.30 - —
jars, 25 lbs. .....lb. 3.20 - —
Metanilate, kgs .....lb. .41 Nom.
Metasilicate, cryst., bbls., c.l.,
gran., bbls., c.l., works,
100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80
Molybdate, tech., anhyd., kgs.,
lb. No prices.
cryst., kgs.....lb. No prices.
Monohydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, c.l., 100-lb. bgs.,
Aug.-June dlvy, f.o.b. cars
producing point or ports,
rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis,
ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 25..100 lbs. 2.25 - —
5-24 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.65 - —
powd., bbls., ton lots....lb. .05¾- —
smaller lots .....lb. .06¼- —
Nitrite, 96-98%, dom., bbls., c.l.,
works, frt. equalized..lb. .07 - —
c.l., West Coast, f.o.b.
f.o.b. ports..lb. .08¼- —
l.c.l. .....lb. .08½- .11½
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs .....lb. .11 - —
Perborate, NF, bbls., c.l.,
works..lb. .14¾- —
l.c.l. works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs.,
, c.l., works..100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - —
bbls., c.l., works...100 lbs. 1.90 - —
l.c.l., works.....100 lbs. 2.10 - —
monobasic, anhyd., bbls., c.l.
100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
tribasic, bgs., c.l., works....
100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
kgs., c.l., works....100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works,
lb. .10 - .11½
Pyrophosphate, anhyd., bbls.lb. .10 - —
cryst., bbls.....lb. .09½- —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Sesquisilicate, dms., c.l., works,
100 lbs. 3.00 - —
20 dms. and up, delvd. N.Y.C.
100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l.,
works..100 lbs. .80 - —
l.c.l., 5 or more, works,
100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52° dms., c.l., works..100 lbs. 1.25 - —
l.c.l., 5 or more, works,
100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls....lb. .05⅝- .06
import, bbls.....lb. .05¾- .06
Stannate, dms.....lb. .37½- .40½
Stearate, lump, powd., bbls.,
works..lb. .24 - —
Sulphate, anhyd., bgs., bbls.,
c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works,
100 lbs. 1.70 - 1.90
less than 5 tons, works,
100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l.,
works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd.
100 lbs. 2.75 - —
less than 5 tons, dlvd.
100 lbs. 3.00 - —
Sulphide, solid, bbls., c.l., works
100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd.
100 lbs. 3.50 - —
less than 5 tons, dlvd.
100 lbs. 3.75 - —
Sulphite, cryst., bgs., works...
100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4, ...100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP., kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent naphtha, high-flash, dms.,
works, frt. equald. gal. .36 - —
tanks, same basis.....gal. .31 - —
water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt.
alld..gal. .30 - —
W. of Omaha, works.gal. .30 - —
Sorbitol, com'l, syrup, dms.,
basis sorbitol cont., works.
lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .20 - .22
Spikenard root, bls.....lb. .15 - .17
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04¼- —
super, bbls., works.....lb. .01⅞- —
tanks, works.....lb. .01⅝- —
Squawvine leaves, bls.....lb. .15 - .17
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .31 - .32
St. John's bread, bls.....lb. .08½- .09
Starch, corn, pearl, bgs..100 lbs. 3.78 - 3.98
powd., bgs.....lb. 3.88 - 4.08
Iodide, bots.....lb. 1.87 - —
Potato, dom., bgs.....lb. .05½ Nom.
import, bgs.....lb. .05½ Nom.
Rice, bbls.....lb. .07¼ Nom.
Wheat, thick boil, bbls.....lb. .07 Nom.
Staveacre seed, bgs.....lb. .25 - .26
Stearin, oleo, bbls.....lb. .09 - .09¼
Stillingia root, bls.....lb. .09½- .10
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .50
Stramonium leaves, bls.....lb. .11 - .12
seed, bgs.....lb. .09 - .10

Strontium bromide, fib, dms..lb. .37 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars, 25 lbs.....lb. 2.70 - —
bots., 5 lbs.....lb. 2.76 - —
Nitrate, dom., bbls., c.l.,
works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .08½- .09
Strophanthus seed, Kombe, bgs.lb. 1.45 - 1.50
Strychnine, crystl., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hydrophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .52 - .55
Styralyl acetate, bots.....lb. 6.75 - 7.00
Sucrose octa - acetate, denat.
grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .75 - 1.10
Milk, bbls, c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 2.60 - —
fib., dms., 1,000 lbs.....lb. 2.00 - —
500 lbs.....lb. 2.10 - —
100 lbs.....lb. 2.20 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 6.25 - 5.30
Sulphur, crude, bulk, 1,000 tons,
mines, contracts, long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y.,
Phila., Southern ports,
long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls, wks.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l.,
works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, com'l., bgs., c.l., works,
100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works,
100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works,
100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100
lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..100
lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100
lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works,
100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works.....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l. cyls.,
works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works .....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide bots., jars.....lb. 3.80 - 3.85
Sumac, grd., Silician, bls....ton.60.00 - —
leaf, bales.....ton.65.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .08½- .09¼
Sunflower seed, Calif., large, bgs.,
lb. .06 - .06¼
medium, bgs.....lb. .05¼- .06
poultry, bgs.....lb. .05 - .05½
Superphosphate, guaranteed, 16%,
bulk, f.o.b. cars, boat, Balto.
ton. 9.00 - —
run-of-pile, basis 16%, bulk,
same basis..ton. 8.50 - —
triple, 44-45%, a.p.a. bulk,
f.o.b. Balto..unit-ton. .70 Nom.

T

Talc, dom., Calif., 1, bgs., c.l.,
mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325
mesh, bgs., c.l., mills.
ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96.98%, 325 mesh, bgs., c.l.,
mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99¼%, 325 mesh, bgs.,
c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
99.85-99.95%, 325 mesh,
bgs., c.l., mills..ton.17.00 - —
coarse, off color, bgs., c.l.,
mills..ton.11.00 -13.00
Ohio, alum-magn. type, grd.,
bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.00 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
import, Canad., bgs., c.l.,
dlvd..ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs.,
l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock,
arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, ar-
rival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .08¼ Nom.
extra, loose, works.....lb. .07⅜- —
special, loose, works.....lb. .07¼- —
sulphonated 35% (24% fat),
dms., c.l..lb. .07 - —
l.c.l. .....lb. .07½- —
50% (43% fat), dms., c.l..lb. .07½- —
l.c.l. .....lb. .08 - —
50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
Tamarinds, W. I., bbls.....lb. .06 - .06¼
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd.,
10-12% ammon., 15-20%
b.p.l., bulk.....unit-ton. 3.40 & .10
unground, 9-11% ammon.,
15-20% b.p.l., bulk.....
unit-ton. 3.25 & .10
fertilizer grade, 10-11%
ammon., 15-20% b.p.l.,
bulk, Chicago...unit-ton. 3.00 & .10
high-grade feeding, bulk,
Chicago...unit-ton. 3.00 & .10
import., S. Amer., 10-12%
ammon., 15% b.p.l.,
bulk, c.i.f. ports, shipt.
unit-ton. 3.60 & .10

Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03¾- .05¼
Tar acid oil, 15%, dms., c.l., works..gal. .22½- —
l.c.l., same basis.....gal. .25½- —
25%, dms., c.l., works....gal. .26½- —
l.c.l., same basis.....gal. .29½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
powd., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
USP, powd., bbls.....lb. .32 - .32½
Terebene, cns.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .80 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts .....lb. .13¾- —
tanks .....lb. .14 - —
contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .13 - .13½
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26 - —
5 tons, same bases....lb. .27 - —
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs.....lb. .42 - .42½
Metal, Straits.....lb. .58¾- —
Oxide, bbls.....lb. .60 - .62
Tetrachloride, anhyd., bbls..lb. .29½- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals, lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse...lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l. (20 tons) E., frt. alld..lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
pigment, barium calcium or magnesium base, bgs., c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal, lb. .05¾- —
l.c.l., E. dlvd.....lb. .06¼- —
Pac. cst., ex whse..lb. .06¼- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .06½- —
l.c.l., E. dlvd.....lb. .06¾- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsam, cns.....lb. .48 - .50
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .28 - .30
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l. works.....lb. .80 - —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld., E. of Rockies..lb. .094- —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., 1, cn., dlvd.....lb. .30 - .41
dms., c.l., dlvd.....lb. .26½- —
500 lbs., dlvd.....lb. .27 - —
2, cns., dlvd.....lb. .28 - .39
dms., c.l., dlvd.....lb. .24½- —
500 lbs., dlvd.....lb. .25 - —
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethylene glycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms....lb. .34 - .38
Tripoli, air-floated, bgs., c.l., works..ton.25.00 - —
l.c.l., ex whse., N.Y....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l. works.. ton.17.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works..ton.15.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms., lb. No prices
99%, dms.....lb. No prices
Oxide, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .05½- .06
Madras, bgs.....lb. .06¼- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .37½- —
l.c.l., 10, ex dock.....gal. .39½- —
5, ex dock.....gal. .41½- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .35 - —
l.c.l., dlvd.....gal. .38 - —
tanks, dlvd.....gal. .30 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va...ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N, bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl. Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .14 - .15

V

Valerian root, 67s.....lb. .09 - .10
Valonia, beards, bgs., shipt..ton.48.00 - —
Cups, bgs., shipt.....ton.34.00 - —
Vanila beans, Bourbon, tins...lb. 4.25 - 4.50
Mexican, tins.....lb. 4.40 - 4.75
cut, tins.....lb. 4.25 - 4.50
South American, tins.....lb. 4.25 - 4.50
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
5-lb. tins, 2,000 lbs. or more, lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 ls. or more, lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more, lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs....lb. .35 - .36
Verdigris, bbls., kgs.....lb. .24 - .30
Violet, methyl. toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .57
tree, bark, bls.....lb. .25 - .26
Wattle bark, bgs., shipt.....ton.41.75 -43.75
Extract, bbls.....lb. .04¾- —
Wax, bayberry, import, bgs...lb. .17 - .17½
Bees, white, bleach, slabs., cs., 500 lbs. .39 - .45
yellow, crude, Africa, bgs., lots of 10...lb. .27½- .28
1 bg.....lb. .28 - .28½
Brazil, Chile, bgs., 5-10 tons. lb. .32 - .32½
1 ton.....lb. .32½- .33
500 lbs.....lb. .33 - .33½
100 lbs.....lb. .33½- .34
refd., slabs, cs., lbs.....lb. .35 - .39
Candelilla, bgs., 1 ton.....lb. .14 - .14½
jobbing lots.....lb. .14½- .15
Carnauba, No. 3 bgs., chalky 1 ton..lb. .38¾- .39¼
5 bgs.....lb. .39¼- .39¾
1 bg.....lb. .39¾- .40¼
N. C. 2, bgs.....lb. .41½- .42
N. C. 3, bgs, 1 ton.....lb. .38¾- .39
5 bgs.....lb. .39¾- .39½
1 bg.....lb. .39¾- .40
refined, bgs.....lb. .42¾- .43
yellow, No. 1, bgs., 1 ton..lb. .46¾- .47½
5 bgs.....lb. .47¼- .48
1 bg.....lb. .47¾- .48½
No. 2, bgs.....lb. .44¾- .45½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10¾- .11
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11¾
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, White).
White pine bark, rossed, bls...lb. .05½- .06
White precipitate, powd., bots. 5 lbs..lb. 1.99 - —
dms. .....lb. 1.86 - 1.88
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works.ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works, ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp. bags., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works. ..ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07½- .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock...ton.33.00 - —
Wormseed, American, bgs....lb. .19 - .20
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld., gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld., gal. .38 - —
W. of Omaha, works....gal. .38 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.80 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. 1.50 - 1.00
Chrome, CP, bbls., dlvd. N of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
open order.....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¾c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03¼- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import..lb. .02475- —
New York (f.o.b.)..lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle...lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .02575- —
New York.....lb. .02¾- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle..lb. .03¼- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans...lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis .....lb. .03½- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle..lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
t.o.b. N. Y. from dock. lb. .02¾- —
from whse.....lb. .02½- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y., lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .09 - .10
Yohimbine hydrochloride, vls..oz. 2.50 - 2.55

Z

Zinc, arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .10½- —
l.c.l., bgs., cs.....lb. .11 - —
Arsenite, bgs., c.s., c.l., dealers, of Rockies..lb. .10½- —
l.c.l., bgs., cs.....lb. .11 - —
Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .30 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works. 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
solution, dms., works....lb. .04¼- —
tanks, works.....lb. .0225- —

Tansy Leaves—Zirconium Ox.

Zinc, cyanide, kgs., works....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0915- —
l.c.l., bbls., dlvd.....lb. .09¾- —
Fluoride, bbls.....lb. .30 - .35
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.00 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd. except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst., lb. 06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cs.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac.cst.lb. .06¾- —
35%, bgs., c.l., dlvd.lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac.cst.lb. .06½- —
bbls., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac.cst.lb. .06¾- —
50%, bgs., c.l., dlvd..lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst.lb. .06¾- —
bbls., c.l., dlvd.....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst.lb. .06¾- —
French process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pact cst..lb. .06¼- .07¾
ex whse., Pac. cst.lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst.lb. .06¾- .08
green seal, bgs., c.l., dlvd., lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
red seal, bgs., c.l., dlvd. lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst.lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst.lb. .08 - —
white seal, bgs., c.l., dlvd. lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst.lb. .08¾- —
bbls., c.l., dlvd.....lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst.lb. .09 - —
import., gold seal, cks, ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12½
Oxide, USP, bbls., c.l.....lb. .09½- —
Palmitate, bbls.....lb. .23 - .25
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
USP, bbls.....lb. .21 - —
Sulphate, cryst., bgs., c.l.100 lbs. 3.15 - —
l.c.l. .....100 lbs. 3.90 - —
bbls., c.l.....100 lbs. 3.30 - —
l.c.l. .....100 lbs. 4.00 - —
flake, bgs., c.l.....100 lbs. 3.00 - —
l.c.l. .....100 lbs. 4.35 - —
bbls., c.l.....100 lbs. 3.75 - —
l.c.l. .....100 lbs. 4.50 - —
powd., bgs., c.l.....100 lbs. 5.00 - —
l.c.l. .....100 lbs. 5.75 - —
bbls., c.l.....100 lbs. 5.15 - —
l.c.l. .....100 lbs. 5.90 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09¼- —
bbls., c.l. (20 tons), dlvd..lb. .09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
Sulphocarbolate, NF, bbls...lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse., Pac. cst..lb. .05½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works..lb. .04¼- .04½
white, 98%, grd., kgs., works. lb. 1.40 - 1.53

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the August 2 issue; the next printing will be in the September 6 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials Market, which begins on page 31.

Oil, Paint and Drug Reporter

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Chemistry Is Universalistic

In the printed program for the coming meeting of the American Chemical Society 469 papers are listed as scheduled contributions to the various sessions. The first on the list is entitled "The Use of Various Sugars in the Production of Champagne," the last is "Manganese-Bearing Waters from Deep Reservoirs." But, all the difference between champagne and water is but as a micron to a mile in comparison with the breadth of the field that this collection of papers covers. Look at the difference between "The Acetylcholine-Acetylcholinestearase System" and "What is the Value of Rapid Soil Tests for New Jersey?"!

Even the most abstruse contribution to the subjects with which an A.C.S. meeting concerns itself may contain the germ of an everyday practicality. Sometimes these germs lie hidden and dormant for years—one such was found not long ago and applied to the conversion of harmful fumes into useful acids in the British Columbian smelting region. Many of them are difficult to recognize as being of practical value. But, even in the lightest touch of theory there may be, there often has been, the impetus to industrial mightiness.

Congress recently considered the Federal incorporating of the American Chemical Society. The bill with this purpose provided that the society should be at the call of the War Department or the Navy Department to "investigate, examine, experiment, and report upon any subject in pure or applied chemistry connected with the national defense." It would be a far forward step for the government to enlist the services of the American Chemical Society in assistance to all the departments, the commissions, and other administrative agencies, and to Congress.

Important as is the national defense, it is not the most important aspect of the national welfare with which chemistry is closely connected. The Federal government has its own chemical staffs, but it is required to get information and assistance, that should be chemical and not always are, from other sources. A.C.S. members might well be made civil officers of the United States; they would be at least as valuable as the proposed social security official physicians.

Look Further At the Picture

A further viewing of the picture of business conditions exhibited here last week, will not be amiss. In truth, it will be good for a lot of folks to lay aside their telescopes, let the Far East do its own warring—watching and wailing will not affect the tide—and peer into markets right under their noses—getting a magnifying glass if they find their eyes unable to discern nearby objects clearly.

Business activity that composes the picture as a whole has taken on a still brighter hue since the last of June. It hasn't become quite so ruddy as it was in last November or last January; but its color is more indicative of health. The high tones then evident were symtomatic of a period of excessive blood pressure—sales pressure, to be exact.

Look up there in the left-hand corner where those vivid streakings are! That's consumption of electrical energy: hot weather overworked fans and refrigerators; more than 111,000 vacuum cleaners were sold in July. That pleasant bit of blue along the top of the picture is the singular form of the word—designating hope—not the plural "blues." It was put there by the reduction of bank interest on commercial and industrial and agricultural loans in the Atlanta, Chicago, and Minneapolis districts. Just a bit of comforting boosting of business men over the period that it will take the money to get in from the farms. Well, no; money doesn't grow on farms; but the farmers' marketing income in July was $30,000,000 larger than that in the same month in 1936.

There's a fuzzy, gray splotch right down in the front of the picture. That's a smaller consumption of crude rubber in July this year. But, if one looks at the roads in the foreground, background, and other grounds, he sees a mighty horde of automobiles, and they are all in motion; they must have tires, and they are using gasoline; look at the sales records for those two big sellers! There's mist over yonder—see it? But, that's not fog; it's smog. There's vapor in the air—wasn't it humid in July?—and the smoke of industry got hung up in it. That's the railroads getting several million dollars more in operating income this July.

There's not so much building going on in this Summer's picture, some say. That is not exactly correct. There is more building just now than there was a year ago, even though permits are beginning to slump—give a thought to expectations and anticipations in re the housing program being somewhat mussily fixed up in Washington, D. C. That may give a line on why the July output of window glass was smaller this year—but what about the sales of screens? Of course, the volume of the news that is current with reference to all sorts of interesting and variously impressing world events had something to do with the new production peak set by newsprint makers in July. But, bigger spreads of advertising also had something to do with that, and bigger advertising must mean bigger business—that's what it's for.

There's the picture. Very attractively colored; no harsh contrast of highlights and shadows. Nothing surrealistic about its composition: the objects are what they are, and anybody can identify them; that is, almost anybody. Some folks won't believe their eyes unless they see what they want to see; and they can't, or don't want to see why what they see isn't what they want to see—there's the seer of "slim trading" on the stock exchanges, for example. Look; there's a real gold frame on the business picture, too!

A Cloud In the Sky

It must be admitted that there are a few clouds in the picture of current business conditions, and one of these is the same umbrageous thing that had a big part in the deluging and lightninging of business into a bad state about ninety-five months ago. Everybody knows what it is—instalment selling—but not nearly everybody knows what it is that it is when it is fed too generously.

Some folks are already pointing with alarm at this shady, shadowing splotch. The automobile dealers' association—do those fellows remember that cloud!—has done a bit of serious resoluting in favor and demand of a curtailment of the rations of this instalment thing. The chaps who take apart markets and marketing schemes for the Department of Commerce to make an exhibit of the components thereof and the combustibles therein, are saying serious words as to how "the situation is apt to be more serious than in 1929"—their memory also is not short or sell-socked.

But, the papers keep on finding news of other and other lines of merchandise being installed, as it were. And, while the experts bewail concernedly the expansion of instalment plans to soft goods—"*dura*" meaning hard, that means nondurable, in the jargon of the craft—the simpler class of observers can't see as much dynamite in going in debt $17 for a suit of clothes as in buying a $200 candid camera on tick. Furthermore they have forebodings that camera buying may be the more widely popular. Some 17,000,000 automobiles have been built in this country in the past few years when folks needed houses, but only about half a million homes were provided. Now, even if the birthrate of that motorcar appendage, the bounding bungalow, be taken into consideration, a lot of folks must still need abodes.

Instalment selling is a godsend to the average citizen, or it is a hellbent, depending on how easy it is to get hold of and what it is used for. People want what they want, and instalment sellers agree with them. Financing concerns still cling to the decomposed idea that the bigger the spread the better the business. The business man—he's a different species—knows that it takes but the addition of an "o" and the shifting of an "e" to change "credit" into "cordite," which same is not a peaceful playmate.

—O-P-D—

About Coaltar Foreign Trade

There is gratification for the American coaltar chemical industry in the increase of almost 8 percent in exports of its products, which is shown by comparison of the records for the first half of this year and those of the corresponding period in 1936. The chief reason for gratification lies in the increase of about 14 percent in exports of finished coaltar products; business in other products has some doubtful aspects.

Although the United States has a favorable balance in foreign trade in finished coaltar products, its imports of all coaltar products exceed exports by about 17 percent. This condition calls for study and planning. No industry can expand as it might as long as it must get a substantial part of its raw materials from foreign sources. And the future with respect to some sources is not particularly assuring.

Things like this point to the potential value of national industrial planning. Manufacturers' associations could greatly enhance their value by coordinated efforts to develop the relations in which various industries are essentially interdependent.

MANUFACTURING
CHEMISTS
SINCE 1849

PFIZER QUALITY

ASCORBIC ACID

$C_6H_8O_6$

PFIZER I–Ascorbic Acid (Cevitamic Acid) is a white to yellowish-white fine crystalline powder; exceptionally free from metallic impurities and of excellent stability. It is derived from dextrose, or grape sugar, by carefully controlled processes which ensure its continued high purity and uniformity.

Pfizer I–Ascorbic Acid meets all the American Medical Association tests for Cevitamic Acid, as published in New and Non-Official Remedies for 1937.

CHAS. PFIZER & CO., INC.

NEW YORK
81 MAIDEN LANE

CHICAGO
444 W. GRAND AVE.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-fifty-sixth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Adipic Acid Ester of Grapeseed Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coal-tar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats
Oils
Waxes

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

Anthranilic Acid Ester of Grapeseed Alcohol

(Uses same as those given for Adipic Acid Ester of Grapeseed Alcohol)

Betamethoxyethyl Oleate

Ceramics

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 2010560) for—
Nitrocellulose

Cosmetic

Plasticizer (U.S. 2010560) in—
Nail enamels and lacquers containing nitrocellulose and phenol-formaldehyde resins as base material

Electrical

Plasticizer (U.S. 2010560) in—
Insulating compositions, containing nitrocellulose and phenol-formaldehyde resins, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (U.S. 2010560) in—
Adhesive compositions containing nitrocellulose and phenol-formaldehyde resins

Leather.

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose, and phenol-formaldehyde resins, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metallurgical

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for protecting and decorating various products

Paint and Varnish

Plasticizer (U.S. 2010560) in—
Paints, varnishes, lacquers, enamels, and dopes containing nitrocellulose and phenol-formaldehyde resins

Paper

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Plasticizer (U.S. 2010560) in making—
Films made from nitrocellulose

Plastics

Plasticizer (U.S. 2010560) in making—
Laminated fiber products
Molded products
Plastics from nitrocellulose and phenol-formaldehyde resins

Resins

Plasticizer (U.S. 2010560) for—
Resin-cellulose derivative compositions and solutions

Rubber

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for decorating and protecting rubber products

Stone

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used in the manufacture of coated fabrics

Wood

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as protective and decorative coatings on woodwork
Plastic compositions, containing nitrocellulose and phenol-formaldehyde resins, used for many filling and repairing purposes on wood

---

Dimethyl Phthalate

(Dimethylphtalat, Ftalato Dimetilica, Phtalsauredimethylester, Phtalsauresdimethyl, Phthalate de Dimethyle, Phthalate Dimethylique)

Ceramics

Plasticizer in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer for—
Cellulose acetate, nitrocellulose, and other esters or ethers of cellulose

Cosmetic

Plasticizer in—
Nail enamels and lacquers containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose as base material

Electrical

Plasticizer in—
Insulating compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer in—
Adhesive compositions containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose

Leather

Plasticizer in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metallurgical

Plasticizer in—
Coating compositions containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used for protecting and decorating metallic articles

Miscellaneous

Plasticizer in—
Coating compositions, containing cellulose acetate, nitrocellulose, or other ethers or esters of cellulose, used for protecting and decorating various products

Paint and Varnish

Plasticizer in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose

Paper

Plasticizer in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Plasticizer in making—
Films from cellulose acetate, nitrocellulose, or other esters or ethers of cellulose

Plastics

Plasticizer in making—
Laminated fiber products
Molded products
Plastics containing nitrocellulose, cellulose acetate, or other esters or ethers of cellulose

Resins

Plasticizer in—
Resin-nitrocellulose compositions and solutions

Rubber

Plasticizer in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used as coatings for decorating and protecting rubber products

Stone

Plasticizer in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used in the manufacture of coated fabrics

Wood

Plasticizer in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used as protective and decorative coatings on woodwork

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Tricyclohexyl Citrate

Ceramics

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (Brit. 432404) for—
Cellulose acetate or other cellulose esters or ethers

Cosmetic

Plasticizer (Brit. 432404) in—
Nail enamels and lacquers containing cellulose acetate or other cellulose esters or ethers as base material

Electrical

Plasticizer (Brit. 432404) in—
Insulating compositions, containing cellulose acetate or other cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Plasticizer (Brit. 432404) in—
Adhesive compositions containing cellulose acetate or other cellulose esters or ethers

Leather

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metallurgical

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (Brit. 432404) in—
Coating compositions, containing cellulose acetate or other cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (Brit. 432404) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate or other cellulose esters or ethers

Paper

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Photographic

Plasticizer (Brit. 432404) in making—
Films from cellulose esters or ethers

Plastics

Plasticizer (Brit. 432404) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose acetate or other cellulose esters or ethers

Resins

Plasticizer (Brit. 432404) in making—
Artificial resins from or containing cellulose acetate or other cellulose esters or ethers

Rubber

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used as protective and decorative coatings on woodwork

Heavy Chemicals

General Demand Reflects Adverse Seasonal Influences—Antimony Metal Continues Firm — Chlorine Active — Saltcake Strong —Sulphuric Acid Shipments Absorb Current Output

Business in the market for industrial chemicals was at a low ebb throughout the week just closed. Adverse seasonal influences continued to cause manufacturing consumers of chemicals to purchase cautiously. Under the circumstances the slow demand had little, if any, affect on the market pricewise, sellers in all quarters reporting a steady to firm tone was in evidence.

Reports from the automobile industry told of the tapering off in production of 1937 models, but sellers of chemicals entering consumption in the automobile industry and kindred lines reported a substantial amount of business on the books for the final quarter of the year. Steel operations were at 83 percent of capacity. Feldspar remained firm. Manganese ore was in short supply, prices were strictly nominal. The glass industry was operating at conservative levels. Moderate withdrawals were made by the plating trade. Tungsten metal powder and other tungsten derivatives were strictly nominal as far as price was concerned, the prolonged Sino-Japanese affair causing wide fluctuations in the basic product. Antimony metal was quiet. Chlorine continued firm. Sulphuric acid shipments were absorbing current production. Soda silicofluoride was quiet. Blue vitriol was in good demand. Arsenicals were dull. Saltcake displayed a decidedly firm tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.4	154.4	154.4	153.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.8	99.8	99.8	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—Business in this market continued fairly good, sellers reporting prices for ammonia and potash alums remained firm. A firm tone prevailed in the market for commercial and iron-free sulphate, shipments were moving out in conservative volume.

Ammonia, Anhydrous.—A substantial amount of business was reported for this product during the course of the week just ended. Sellers described the price tone as firm.

Ammonia, Aqua.—There was little to report in this market again last week, shipments were moving against contracts at an irregular pace, but the price schedule was unchanged.

Ammonia Bifluoride.—Demand was fair during the week. A steady to firm tone was in evidence.

Ammoniac, Sal.—Routine consumers were withdrawing a fair amount of material against contract, sellers reporting quotations appeared in a firm position.

Antimony.—A fair demand was noted here. Prices continued firm. Estimated production of antimony in Hunan in July, as given by the Hankow Foreign Trade office, was 1,025 tons. At the end of the month stocks totaled 1,980 tons, against 3,986 tons at the end of June, of which 570 tons were at the mines; 1,010 tons at Changsha, none at Hankow, and 400 tons at Shanghai. The total exports of antimony from Changsha reported in July were:—Regulus, 350 tons; oxide, 35 tons; crude, 75 tons. Declared exports of antimony in July from China to the United States, as reported by cable from America consular offices at the two chief exporting ports, totaled only 115 tons of crude from Shanghai, none from Hankow.

Arsenic.—A favorable buying movement was noted in the market for white arsenic. Prices ruled firm. Germany secures nearly all its requirements of arsenic from the mining of domestic arsenic ores, from imported ores and as by-products of the sulphuric acid industry in the roasting of pyrites. Total output of arsenic is placed at around 4,000 to 5,000 metric tons yearly, whereof the insecticide industry consumes some 600 metric tons, leaving a considerable surplus available for other consumption uses and for exports. Arsenic ore production in Germany in 1935 was 29,648 metric tons; exports of white arsenic in 1936 totaled 340 tons, against 72 tons in 1935, and exports of white arsenic and its derivatives in 1936 totaled 2,739 tons, against 5,506 tons. The marked expansion in exports during 1935 was primary due to heavily increased shipments to Brazil, British South Africa, Soviet Russia and United States, all of which have since considerably contracted their purchases from Germany. Exports to a series of less important buying countries continued to increase in 1936. Of the 1936 imports Sweden supplies the greater part, being 208 tons, Belgium supplying practically all of the rest, according to the Consul at Frankfort-on Main.

Barium Salts.—A fair demand was reported for nitrate and hydrate of barium. Prices ruled unchanged. There was little to report in the market for chloride, shipments being conservative and prices were steady. The call for carbonate was fair. No change was disclosed in quotations.

Blue Vitriol.—Shipments continued to move out at an excellent pace against contracts, the market being featured by a decidedly firm tone. The firm character of the price structure could be explained by the heavy shipments during August, some sellers reporting the volume the largest on record for some years, and the continuance of a firm tone in the basic metal.

Calcium Chloride.—A firm tone continued as the prominent factor in this market again last week. Sellers were ordering out supplies at a good pace. Producers were reported to have a good volume of business on the books for delivery during the rest of the month.

Chlorine.—No slackening was shown in the call for this product again last week, shipments were up to contract allotments, and a good volume of business was still on the books for shipments in August. A decidedly firm tone prevailed. Societe Commerciale du Chlore, Paris, has been formed by French chlorine producers to act as a joint sales organization for chlorine and chlorine derivatives. It will aim to expand the market through market research.

Copper.—There was a rather dull demand noted in the market for electrolytic copper. Price remained unchanged. Reports were that neither Japan or China were purchasing copper in the United States at the moment, but it was stated that some shipments of copper against contract were scheduled for Japan in September. It was pointed out that Japan does not belong to the cartel, with the result that Japanese production of copper is unrestricted.

Copperas.—A firm tone prevailed here again last week, shipments continued to move at a good pace. Steel mill operations were estimated at 83 percent of capacity.

Feldspar.—Prices were in a firm position. Demand was fair. Notwithstanding further substantial improvement in the production of glass containers, sales of ground feldspar to the glass industry during the first six months of 1937, as reported by the National Feldspar Association, declined slightly compared with corresponding period a year ago. Deliveries of enamel spar, however, rose 10 percent and shipments of pottery spar jumped 30 percent, so that total shipments aggregated 120,103 short tons compared with 107,269 tons in the January-June period of last year, an in-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7.

BARIUM HYDRATE
BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA.

SYNTHETIC
Imported CRYOLITE 98/100% Snow White
Warehouse Stocks in New York and Baltimore
CUNO SIEVERS INC. • ESTABLISHED 1908 • 101 Cedar Street New York
BArclay 7-3858-3859-3865

E. De HAEN'S PREPARATIONS for Standard Solutions At leading Laboratory Supply Houses
FIXANAL
Pfaltz & Bauer, Inc.
EMPIRE STATE BUILDING, NEW YORK

A. C. DRURY & CO., Inc., INTERNATIONAL MERCHANTS
Chemicals - Essential Oils - Synthetics - Bouquets
Talc - Clay - Waxes
219 East North Water Street Phone Superior 5940 Chicago, Ill.

TURNER
LIQUID CAUSTIC SODA
TANK TRUCKS—DRUMS
Local delivery tank truck service throughout the Metropolitan New York area.
JOSEPH TURNER & COMPANY
RIDGEFIELD, N. J.
83 EXCHANGE PL. PROVIDENCE
630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET CHICAGO

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA
CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

Sodium Silico Fluoride
Ammonium Silico Fluoride
•
STANDARD, DOMESTIC MATERIAL. INQUIRIES SOLICITED FOR SPOT, FUTURE AND CONTRACT
HENRY SUNDHEIMER, INC.
Telephones: AShland 4-4817-4818 103 PARK AVE., NEW YORK, N. Y.

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
IRVINGTON NEW JERSEY
NEW YORK OFFICE 30 CHURCH ST.

crease of 12 percent. In addition to ground spar reported by merchant mills, there is some spar ground by consumers who purchase crude spar. At present only a few of the glass, pottery, or enamel makers buy unground spar, but a substantial amount of crude spar is ground for use as abrasive in scouring powders and soaps more coarsely crushed or ground spar is used for poultry grit, roofing granules, cast stone and sundry other purposes.

Manganese Ore.—A good demand was reported here. Prices were strictly nominal. Exports of manganese ore from Rio de Janeiro during June totaled 15,800 long tons, of which 8,500 tons were shipped to the United States and 7,300 to Holland. Stocks on hand by various firms on June 30 totaled 38,298 tons, according to the Consul at Rio de Janeiro.

Nickel Salt.—Shipments were moving out to the plating trade at a fair pace again last week. Prices were well maintained. Automobile production showed a decline as a result of producers tapering off on 1937 models in order to get into production on the new models.

Potash Carbonate.—Demand from the textile industry continued spotty during the week. No change was disclosed in prices.

Potash, Caustic.—Although this market was a rather quiet affair again last week, sellers reported quotations were firm. The downward trend in imports of potassium hydroxide continued in early 1937, receipts for the first six months of 594 short tons valued at $90,138 representing a one-third loss in volume from those of the corresponding period of 1936.

Potash Chlorate. — A firm tone was reported in this market again last week. Demand indicated that the match manufacturers were withdrawing for nearby needs only.

Saltcake. — Demand was good again last week. Prices were decidedly firm. The chief requirement for saltcake used in the sulphate pulp industry is that it have a high content of sodium sulphate, usually not less than 96 percent. Both chemical and natural saltcake meeting this requirement, according to a survey by the Tariff Commission. However, in some of the older pulp installations some natural saltcake produced in a powdery form cannot be used economically on account of the high stock losses which occur when the saltcake is placed in smelting furnaces under forced draft. The presence of moderate amounts of free sulphuric acid and salt in saltcake does not impair its use for pulp. Magnesium and iron are detrimental, if present in large quantities. The quantity of saltcake required to produce a ton of sulphate pulp varies with the kind of wood used as a raw material and with the quality of the pulp produced. For the domestic sulphate pulp industry as a whole, the weighted average consumption of saltcake per short ton of air-dry sulphate pulp was 309 pounds in 1935, with variations from mill to mill. "Air-dry" is a trade term used to indicate pulp containing by weight 90 percent fiber and 10 percent moisture.

Soda Ash. — A good buying movement was noted in this market at intervals during the week. Prices were unaltered. June exports amounted to 8,673,170 pounds, valued at $96,053, of which Brazil consumed 1,307,580 pounds; Japan, 448,000 pounds; Netherland India, 259,125 pounds; Uruguay, 132,600 pounds; Philippine Islands, 71,429 pounds; New Zealand, 114,200 pounds, and Union of South Africa, 40,240 pounds.

Soda Bicarbonate. — A fairly active demand was noted in this market again last week, quotations held firm. June exports amounted to 1,618,269 pounds, valued at $26,385, of which Cuba consumed 104,573 pounds; Colombia, 67,441 pounds; Venezuela, 42,717 pounds; South Africa, 94,300 pounds.

Soda, Caustic — A favorable inquiry was reported in this market again last week. Quotations were unaltered. June exports amounted to 17,223,490 pounds, valued at $292,367, of which Cuba consumed 772,947 pounds; Netherland West Indies, 1,366,563 pounds; Argentina, 1,750,502 pounds; Brazil, 1,042,566 pounds; China 1,567,892 pounds; Japan, 1,805,870 pounds; Siam, 690,300 pounds.

Soda Cyanide.—A fair buying movement was noted in this market. No change was uncovered in quotations.

Soda Phosphate.—Shipments were moving out at an irregular pace again last week. No change was disclosed in quotations. June exports amounted to 418,917 pounds, valued at $14,935, of which Argentina received 10,850 pounds; Cuba, 8,125 pounds; Trinidad and Tobago, 3,320 pounds.

Soda Silicate.—Shipments were moving against contracts at a favorable pace throughout the week. Prices ruled steady. June exports amounted to 2,040,890 pounds, valued at $31,753, of which China consumed 115,100 pounds; Japan, 10,000 pounds; Philippine Islands, 70,050 pounds; Canada, 1,320,276 pounds; Cuba, 351,009 pounds; Colombia, 11,366 pounds.

Soda Silicofluoride.—A fair call was reported here, but it was evident that consumers were covering for nearby needs only. Prices were steady. A record was established in 1936 for United States imports of sodium silicofluoride with receipts reported at 3,262 short tons. Entries during the first half of 1937 were reported at 1,326 tons.

Tin Salts.—A slight easier tone was noted in Straits tin during the week, bringing about a similar tone in the derivatives. World visible stocks of tin in July, 1937, increased by 2,603 tons to 25,042 tons, compared with 15,964 tons in July, 1936. The ratio of stocks to the annual rate of consumption has increased from 10 percent in July, 1936 to 14.1 percent in July, 1937. World production of tin in the first half of 1937 was 92,303 tons and world consumption was 94,863 tons, according to the August issue of the International Tin Research and Development Council's Bulletin published by The Hague Statistical Office. Productions increased 9,415 tons when compared with the first half of 1936 and consumption 14,944 tons.

Tungsten Metal, Powder. — Prices were strictly nominal, because of the fluctuations in the basic product. Tungsten ore, of which China supplies two-thirds of the world's supply, jumped sharply in price because of fears that prolongation of the Sino-Japanese conflict might cause a shortage of the metal here. Ore was quoted at $26 to $32 a ton, compared with sales at $24 a week ago. Present supplies are thought to be sufficient for some time.

Acids

Business in the market for mineral acids continued at an irregular pace, the exception to this being sulphuric acid. Buying of sulphuric was of such proportions that sellers reported the call was sufficient to absorb current production. Prices ruled decidedly firm. Chromic acid demand was fair, the call coming from the plating trade. Muriatic acid was quiet. There was little to report in the market for nitric acid. Battery acid continued to display a firm tone.

Acetic.—A fair demand continued in evidence in this market. Quotations ruled at the levels of the previous period.

Battery.—Business was moving along at a fairly good clip throughout the week. No change was noted in quotations.

Boric. — Shipments were moderate throughout the period under review, and no change was uncovered in prices.

Chromic.—A decidedly firm tone prevailed here again last week. Firmness in the price tone could be attributed to continuance of a favorable buying movement.

Formic.—Usual consumers furnished a fair demand. Prices were well maintained.

Lactic.—Demand slowed down somewhat during the week, but a firm tone was in evidence.

Muriatic. — Shipments continued to move to routine consumers at a fair pace during the week. Prices were in line with the schedule of the preceding period.

Nitric. — Demand was spotty again last week. Prices were firm.

Sulphuric.—Interest in this market continued good during the week. Demand was equal to actual production. Prices were decidedly firm. Steel mill operations were at 83 percent of capacity. After many years of stability in quotations for sulphuric acid, British manufacturers are reported to have raised prices, as of July 1, 1937, from five shillings to seven shillings a ton. The upward trend in costs of materials and labor during the past year is said to have necessitated revised selling prices.

Baltimore, Aug. 25.—The market for sulphuric acid is still dominated by the heavy requirements of consumers and the limited output of the producers. As a consequence, the figure mentioned at the market have no more than a nominal aspect. Practically, buyers of acid are ready still to pay more or less important advances for any stocks which may be obtainable, and in their quest they encounter real difficulties. Some progress is being made in the direction of overcoming the shortage by an increase in production, but the additions to output are not yet large enough to influence the situation greatly, and expanding requirements on the part of some of the industries that use acid may counterbalance these gains. The figures nominally mentioned stand at $12 per ton for 60 degree and at $15 per ton for 66 degree acid, and the hunt for supplies goes energetically on. As for oleum, the situation is unchanged as far as price goes, but the needs of users of this product are not as pressing as those in the acid field. The market still stands at $17 per ton for 20 percent stocks.

Insecticides

Business in the market for agricultural insecticides and fungicides was quiet. Prices remained steady. There is a good demand for agricultural insecticides in Peru, since it is primarily an agricultural country, cotton being the chief index of prosperity. At present there are very few prepared agricultural insecticides and fungicides selling under a trade name in this market. The greater part of the basic chemicals employed for agricultural purposes are imported in bulk and are mixed with other necessary ingredients, such as soap, on the plantations. The chief item imported is calcium arsenate. Copper sulphate and nicotine sulphate are also imported. To combat the plant disease known as "Sigatoka," which by attacking the leaves prevents the development of the plant, banana plantations in Guatemala and Honduras are effectively employing a bordeaux mixture spray, according to the Commerce Department. The mixture is made in the field by adding five pounds of copper sulphate and five pounds of lime to each fifty gallons of water, it was stated. This mixture is distributed through pipe lines laid among the banana plants and applied with hand sprays to the leaves. It is stated that in the first application 300 gallons are applied to each acre, while subsequent sprayings, to follow at intervals of 15 days, require but 275 gallons per acre. It is anticipated that from 12 to 18 applications each season will be sufficient to protect the plants, the report states. To remove any remaining bordeaux mixture from bananas before shipment to market a washing machine has been installed which is capable of handling 1,000 stems per hour. Stems passing through this machine are rinsed with a mixture containing hydrochloric acid to remove the bordeaux mixture, and later with fresh water to remove the hydrochloric acid. The "Sigatoka" disease is characterized by a fungas growth which flourishes during warm damp periods. It was first discovered in Java from which it spread to Australia, Trinidad, and elsewhere, according to the report.

Bordeaux Mixture.—A fair demand was reported here. Quotations ruled firm.

Calcium Arsenate.—This market noted an irregular call. Quotations continued unchanged. In the cotton belt the week had nearly normal warmth in most sections, while moderate to substantial

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7.

SERVICE
UNIFORMITY
QUALITY
VICTOR
FORMIC ACID
85% and 90% Strengths
Noted for its purity, uniformity and stability. Will not darken when exposed to light. Will not cloud up when diluted. Free from sulphates and chlorides.
VICTOR
CHEMICAL WORKS
141 W JACKSON BLVD CHICAGO ILL

We are especially interested in assisting to develop new uses for the chemicals we manufacture or others that could properly come within our scope. Our laboratory, plant and organization are at the service of users or prospective users. All such negotiations and development work are held in the strictest confidence.

Oldbury
Electro-Chemical
Company

Plant and Main Office:
Niagara Falls, New York

New York Office:
22 East 40th Street, New York City

Phosphorus and phosphorus products. Sodium chlorate.
Potassium perchlorate. Oxalic acid

rainfall was unusually widespread, covering all but limited areas of the Western Belt. Conditions continued favorable for cotton, especially the rainfall in heretofore dry western sections, though there was a noticeable increase in weevil activity in some of the moisture districts of the East.

Lead Arsenate.—A firm tone governed the dealings in this market, with indications that consumers were covering on a moderate scale.

Congress Left Much Legislation Undone

(Continued from page 3)

and made early order of business in senate next session.

Reorganization of the executive departments of the Federal government at the discretion of the President—minor portions of the plan passed by house.

Regional water-planning authorities throughout the country similar to TVA.

Abolition of child labor—passed the senate; no action in the house.

Regulation of air transportation by the I.C.C.

Revision of the food and drug act—passed the senate house committee consideration virtually completed.

Extension of the authority of the Federal Trade Commission—passed the senate; reported by house committee.

Revision of the national bankruptcy act.

Amendments to social security act, national labor relations act, and securities act.

Water pollution control—passed both houses; still in conference.

Revision of administrative provisions of the tariff act, including a provision that the mark of origin stay on the goods until they reach the consumer—passed the house not considered in senate.

Readjustment of agricultural economy in the Dust Bowl States—requested by President, no action in either house.

General revision of all internal revenue laws—congressional committee will study during the recess with view to action early next session.

Natural gas control bill—passed House, and reported by senate committee.

Matters of Less Importance

During the closing days of the session various actions were taken on a number of relatively minor bills. Among these may be mentioned the following:—

Incorporation of the American Chemical Society. Both house and senate passed this bill with an amendment giving the government unlimited license to all patents and discoveries relating to national defense developed through joint investigations of the society and the war or the navy department; in the house, Representative Earl Michener of Michigan called attention to the fact that the President has vetoed bills providing Federal incorporation for various organizations and objected to granting any Federal charters unless some agency of visitation or regulation was provided.

Flaxseed price investigation—The Nye resolution calling on the Secretary of Agriculture to report on the failure of flaxseed prices to rise commensurately with increases in prices of other grains and of linseed oil was favorably reported by the senate committee on agriculture, but was not adopted.

Tidal oil lands—The Nye resolution directing the Attorney-General to institute ouster proceedings against all persons exploiting petroleum deposits underlying coastal waters and to establish the government's title to such lands passed by the senate, but not acted on in the house.

Regional research laboratories of the Department of Agriculture to develop industrial uses for cotton and other Southern agricultural products—Passed the senate and was considered in the house, but not passed.

Statistical data—Bill requiring confidential treatment of all information furnished the Bureau of Foreign and Domestic Commerce for statistical purposes passed the senate, but was not acted on in the house.

Surgical ligatures—Regulation of the sale of surgical ligatures in the District of Columbia passed the senate, but was not acted on in the house.

Defense minerals—Bill authorizing the War Department to acquire for national defense stocks of ferromanganese ore, chrome ore, tungsten ore, and pig tin, favorably reported by house military affairs committee; no further action.

Patent infringement—Two bills by Representative Peterson, designed to prohibit importation of articles covered by United States product or process patents, were referred to the house committee on patents and remain there, not even having had a hearing.

Bids Wanted

Acetone:—650 gallons grade B; Commanding Officer, Picatinny Arsenal, N. J.; circular 97, opening September 7.

2,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Antifreeze Solution:—78,672 gallons; Division of Sales and Traffic, Department of Agriculture, Washington; invoice 286, opening August 31.

Cleaning Compound:—1,925 pounds; Quartermaster, Marine Corps, Washington; schedule 160, opening September 1.

Creosote Stain:—1,250 gallons; State Procurement Office, Raleigh, N. C.; invoice 3780, opening August 31.

Drugs:—Supplies, including acetophenetidin, benzoic acid, boric acid, paraffin wax, acetylsalicylic acid, citric acid, calamine, aluminum sulphate, calcium carbonate, dextrose, lanolin, magnesium carbonate, magnesium oxide, mercurial ointment, zinc oxide ointment, for Chicago and Perry Point; invoice 131, opening September 7.

Fuel Oil:—10,000 barrels for Mobile, Alabama; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 900-1071, opening September 7.

Green Enamel:—Large quantities for various deliveries; Division of Sales and Traffic, Department of Agriculture, Washington; invoice 219, opening September 3.

Oil, Class D:—1,000 gallons; Purchasing Agent, Government Printing Office, Washington; opening September 1.

Salt:—Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; invoice 44, opening September 3.

A. Ph. A. Urges Pharmacy In Public Health Work

(Continued from page 3)

Convention Guide

Urged that the "Flash System," used with such marked success at the convention to announce current programs, be adopted at all future conventions.

Thanks for Hosts

Expressed appreciation of the work of all those who helped make the 1937 convention a success.

Cosmetic Approval

A resolution advocating the formation of a council on cosmetic formulas and materials, providing laboratory space for the analyzing of cosmetics, and issuing a "seal of approval" to manufacturers whose products conformed to the rules promulgated by the body, was approved in principle and referred to the council of the association for consideration.

S.W.P.A. Starts New Acid Plant

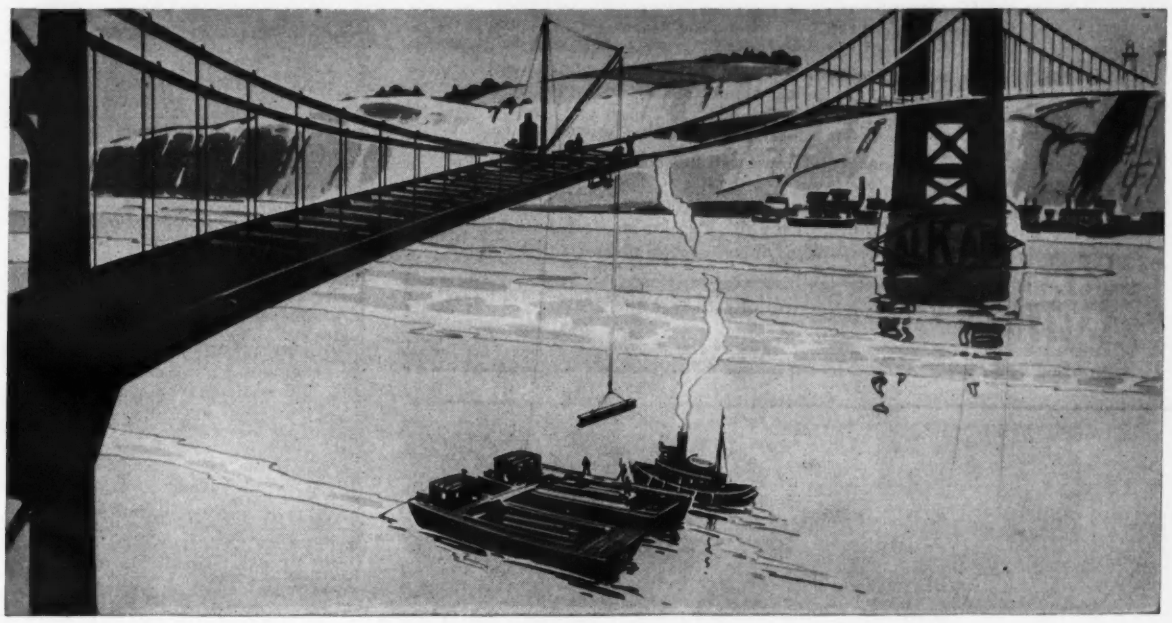
Operations have been started in the new sulphuric acid plant of the Standard Wholesale Phosphate & Acid Works, Inc., Curtis Bay, Baltimore, but so far the output is more or less below the estimated capacity. Production will be increased as rapidly as possible until the full output of 300 to 350 tons a day is attained. The plant is of the latest construction type and uses brimstone as the raw material.

World Production of Narcotics Decreases

(Continued from page 5)

East was discussed at considerable length by the advisory committee, and reports from the representatives of China, Egypt ,and the United States agreed that progress was being made in the suppression of the illicit traffic in sections of China under the control of the central government, but that addition is spreading rapidly in sections of China and Manchuria under the influence of Japan. The Japanese representative declared that Japan has no desire to encourage the illicit traffic and was aware of the criticism but said that defense considerations take precedence over all others and that the solution of the drug problem would be greatly facilitated by the restoration of peace and the maintenance of normal commercial relations between Japan and her neighbors in Asia. In a resolution the committee called on the governments of China and Japan to take further steps to reduce the illicit traffic and to make more complete reports to the next meeting of the committee.

(To be continued)



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Coaltar Chemicals

Cresylic Acid and Phenol Shipments Continue Good—Creosote Oil Steady—Crude Naphthalene Unchanged—Phthalic Anhydride Firm—Orthodichlorobenzene Strong

Business in the market for coaltar chemicals was good throughout the week just ended. Cresylic acid and phenol shipments continued to absorb current production. Benzol buying was good. Creosote oil displayed a steady tone. Toluol, xylol and solvent naphtha remained firm. A fair demand was noted for intermediates and colors.

Demand from the synthetic resin industry continued at an active pace for cresylic acid and phenol; in fact, the volume of business transacted against contracts was said to have cleaned the spot market of sizable supplies. Benzol buying held well throughout the week, the balance between production and consumption caused the presence of a decidedly firm undercurrent on the price side of the market. Steel mill operations were estimated at 83 percent of capacity. The major railroad system and public utility companies continued to order out a good amount of creosote oil. Toluol demand indicated that automobile production was lagging, but sellers of toluol were of the opinion that an influx of buying orders would be noted in the final quarter of the year. Phthalic anhydride demand continued heavy. Anilin oil shipments were fair. Colors held steady, the call indicating consumers were covering when needs were urgent. Orthodichlorobenzene was strong.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

None.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week	Prev. week.	Last month.	Last year.
127.2	127.2	127.2	126.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Demand was good throughout the week just ended. Prices ruled firm at previous levels. Iron Age reported that production of ingots at 83 percent of capacity stands out as the most important element of the present steel situation as there is no evidence that consumers are adding to their steel inventories, but on the contrary are reducing them, while at the same time there are no important accumulations of either semi-finished or finished steel at the mills. Meanwhile mills are reaching the end of their backlogs in many items, excepting plates and sheets and from now on will be more dependent on day-to-day business. June benzol exports amounted to 1,609,612 gallons, valued at $294,142, of which Belgium shipped 592,661 gallons; Netherlands, 985,113 gallons; Canada, 8,051 gallons; Cuba, 10,878 gallons; Argentina, 7,962 gallons; Brazil, 1,528 gallons; China, 3,810 gallons, and Costa Rica, 106 gallons. Production of benzol in the United States increased to 60,921,000 gallons during the first half of 1937 compared with 49,890,000 gallons in the corresponding period of 1936 according to data estimated by the Bureau of Mines from the production of coke at byproduct ovens which reported recovering this commodity. These data refer to crude and refined benzol plus motor benzol.

Coaltar.—Demand was irregular throughout the period under survey. No change was uncovered in quotations. June exports of crude and refined coaltar amounted to 146,029 barrels, valued at $14,607, of which the United Kingdom received 128,040 gallons; Salvador, 2,318 gallons; Cuba, 8,403 gallons; Colombia, 1,587 gallons, and Peru 1,100 gallons.

Cresol.—An active interest was shown in this market again last week. Sellers reported quotations were firm at the levels in effect previously.

Creosote Oil.—Shipments were moving out at a favorable pace throughout the week under review, sellers reporting quotations ruled firm. The call came from routine sources. June exports amounted to 68,926 gallons, valued at $10,784, of which Canada received 64,156 gallons; Honduras, 228 gallons; Panama, 825 gallons; Mexico, 494 gallons; Ecuador, 770 gallons, and Venezuela, 2,331 gallons.

Cresylic Acid.—This market displayed a decidedly firm tone throughout the week under review, the firm character of the price tone could be attributed to the fact that shipments were on a par with actual production. The buying came from the synthetic resin industry and other usual channels of consumption.

Naphthalene.—The market for crude naphthalene moved through another dull week, sellers in all quarters of the market reporting consumers were showing little interest beyond actual production requirements. Prices were unchanged. The call for refined naphthalene was dull. Quotations were steady.

Phenol.—The market here revealed little change from recent weeks, in that demand continued at a good pace, shipments measured up to actual production, and prices were decidedly firm. Shipments were moving for the account of the synthetic resin industry, the dyestuffs intermediate manufacturers and the pharmaceutical makers.

Pitch, Coaltar.—Demand here was fair again last week. Quotations displayed a steady tone. June exports amounted to 1,813 tons, valued at $31,228, of which France consumed 67 tons; Italy, 1,529 tons; Sweden, 29 tons; United Kingdom, 167 tons, and China, 15 tons.

Solvent Naphtha.—Business continued along favorable lines during the week. Prices for the industrial water white commodity continued firm.

Toluol.—An irregular call was shown for this product again last week. The irregularity in the buying failed to have an influence on the market price, a firm tone being in evidence. Reports from the automobile industry continued to indicate that production of 1938 models was lagging.

Xylol.—A firm tone was noted in this market again last week. Demand was good.

Chicago Coaltar Bases

CHICAGO, Aug. 26.—The coaltar bases market shows a firm undertone, and current at this time indicate a generally healthy condition, sellers report. The buyers are taking sufficient amounts to impart some strength into most of the more commonly traded items. Sellers are taking a firm to steady pricing position. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 9½c. to 10½c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—Although the call was highly irregular throughout the week, prices ruled firm.

Broenner's.—Demand for this product continued spotty during the week, and prices were well maintained.

Cleve's. — Important developments were lacking in this market again last week, routine consumers furnished the interest and quotations were well maintained.

Picric.—This market was in a firm price position, demand was about the same as in the preceding period.

Salicylic. — Shipments were moving for routine account at a favorable pace throughout the week. No change was uncovered in quotations.

Sulphanilic.—This market offered little improvement over the preceding period. A steady to firm price tone was in evidence.

Tobias.—Another quiet week was registered in this market. Quotations were firm.

Other Intermediates

Anilin Oil.—Shipments were moving against contracts at a good pace throughout the week just closed. Prices ruled firm.

Benzidin Base.—This market offered

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

little betterment during the course of the week just closed, usual buyers were covering when needs were urgent, and prices were unchanged.

Betanaphthol. — Demand continued heavy throughout the week just ended. Prices were unaltered.

Dinitrobenzene. — This market continued to note a fair demand throughout the week. Prices were steady to firm.

Dinitrotoluene.—A decidedly firm tone was in evidence throughout the week, shipments were moving against contracts at a good pace.

Metanitroparatoluidin. — This market continued to experience an irregular demand during the period under review, sellers reporting prices were firm at previous levels.

Orthodichlorobenzene. — Continuance of a good demand was reported in this market again last week. Routine consumers supplied the call. Prices were well maintained.

Phthalic Anhydride. — A substantial buying movement continued in prominence in this market during the period under review. Quotations ruled unchanged.

R Salt.—Dull and featureless was this market again last week. Quotations were in conformity with the schedule in effect previously.

Toluidin.—This market was much the same as in the preceding period, demand was spotty and quotations were unchanged.

Coaltar Colors

The market for coaltar colors noted another week of an irregular call. Sellers reported the irregularity in the buying failed to have an influence on the market pricewise. The downward movement of cotton prices continues to influence buyers of yarns and cloths to restrict their purchases from mills. Mill activity was tending downward, the sale of goods being below current production levels. Sixteen new colors for late Fall and early Spring were portrayed in the special silk card which the Textile Color Card Association has just issued. Highly important in this new color group are striking flower tones in blue and rose gammes. French green is a new darker rendition of bluish cast.

Approximately 18,000 silk mill workers returned to their jobs in mills in Pennsylvania and New Jersey. The peace pact signed by the workers provides that workers shall return to their jobs without discrimination and that an election shall be held to determine a collective bargaining agency in any plant upon the written request of 10 percent of the workers.

Gehren & Davidson, exporter of chemical products, 17 State street, this city, has been formed by D. Gehren, formerly with the firm of Cox, Apden & Fletcher. The firm is interested in obtaining exclusive representation for new products, and especially all types of chemical products, paints, varnishes, printing inks, ink compounds used by printers and lithographers, such as toners and offset varnishes.

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A. C. S. $1,000 Prize Won by Dr. E. B. Wilson

The 1937 American Chemical Society prize of $1,000 will be presented to Dr. E. Bright Wilson, jr., twenty-nine year old assistant professor of chemistry in Harvard University, September 8, in Rochester, N. Y., at the society's ninety-fourth meeting.

Awarded to Dr. Wilson for his experimental work in physical chemistry, the prize is given to honor young research workers at the threshold of their careers. It is maintained by Dr. A. C. Langmuir, and his brother, Dr. Irving Langmuir, Nobel prize winner in chemistry, and accords "recognition to the accomplishment in North America of outstanding research in pure chemistry by a man or woman under thirty-one years of age."

Dr. E. R. Weidlein, director of the Mellon Institute of Industrial Research, and president of the society, will preside at the ceremony at which scientists representing the United States and England will speak. Dr. Wilson is a native of Gallatin, Tennessee.

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Koppers designs and builds machinery, equipment and complete plants. It supplies roofing, waterproofing, dampproofing, paints and other materials for plant construction and maintenance. It produces and markets coal and coke. It has made revolutionary improvements in piston rings and is the only manufacturer of Fast's self-aligning Couplings. It makes water and gas valves, fire hydrants, tanks, pipe, plate work. It operates shipyards.

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Dyestuffs and Textile And Leather Chemicals

Egg Products Advanced Sharply—Myrobalans, Valonia and Sumac Higher—Mangrove Bark Lower—Alumina Chloride Steady —Antimony Salt Dull—Bichromates Continue Firm

Business in the market for dyestuffs and tanstuffs continued quiet during the week just closed. Manufacturing consumers on all sides were withdrawing supplies only when needs reached an urgent stage. However, sellers of tanstuffs reported that the volume was slightly improved over recent weeks. Changes in the market included a sharp advance in egg products, myrobalans, sumac and valonia and a reduction in mangrove bark.

Prices for egg products were sharply higher. Egg albumen was exceptionally strong, for reports about the trade last week had it that London had purchased a sizable tonnage here. It was stated that the London inquiries were also for egg yolk, but prices were slightly higher than what English interest were willing to pay. Stocks here of egg albumen, as a result of the London purchase, were relatively low here, for the Sino-Japanese struggle has caused an uncertainty about supplies. Corn derivatives displayed a steady to firm tone, shipments were somewhat improved over recent weeks.

It was evident that tanneries were not purchasing beyond actual production requirements. Dyestuffs continued to reveal a lagging tendency, but sellers in all quarters of the market reported no change in quotations. Business in cotton textile continued below current production levels. Reports from Pennsylvania and New Jersey stated that a pact had been signed calling for a return of workers to the silk and rayon mills. Alumina chloride was quiet. Antimony salt was dull. Bichromate continued firm. Zinc dust also noted a firm tone, for the basic material appeared in a firm position.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Albumen, egg, 6c. per lb.
Egg yolk, 3c. per lb.
Myrobalans, $1 per ton.
Sumac, $1 per ton.
Valonia, beards, $2 per ton.
cups, 50c. per ton.

Reduced

Mangrove bark, 50c. per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
155.2	154.1	154.1	152.3

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride. — Although the market revealed little improvement during the week, routine consumers were covering for immediate production requirements, and prices displayed a steady to firm tone.

Antimony Salt.—Interest in this market continued to be concerned with small quantities but the relatively quiet call failed to have an influence on the market pricewise, a firm tone being in evidence.

Potash Bichromate.—A firm tone continued in prominence in this market again last week. Demand indicated that manufacturing activities of consumers were subjected to adverse seasonal influences. Prices ruled unchanged.

Potash Prussiate.—A good demand was reported for red prussiate at times during the week. No change was uncovered in quotations. A fair call was noted for yellow prussiate. Quotations were unaltered.

Soda Bichromate.—An active interest was noted at intervals during the week but it was apparent that consumers were not covering beyond actual production requirements. No change was disclosed in quotations.

Zinc Dust.—A good demand was reported for this product again last week, sellers reported quotations were firm, reflecting the firmness in the basic metal.

Dyestuffs

Annatto.—Although the market continued to lag, a few small quantities making up the call, sellers reported no change in quotations.

Archil.—A firm tone was displayed in this market again last week. Routine consumers were covering on a small scale.

Cochineal.—Demand was dull. Prices were firm. Cochineal, one of the oldest dye materials known to mankind and until recently an important commodity in international trade, has, like a number of other natural products, lost much of its importance in the industrial field through the development of synthetics, according to Commerce Department. The bug from which cochineal red is obtained is native to Mexico but during the past century it has been transported to various parts of the world and developed commercially, particularly in the Canary Islands, where the industry is still of considerable importance, it was stated. According to the American Consul at Las Palmas, the Canary Islands exported a total of 415,000 pounds of cochineal in 1936 which was a little less than the average for the four preceding years. While export statistics show half the total going to Marseilles last year, Canary exporters state that shipments to that port, as well as to certain others including Hamburg, are not solely for consumption but to a large extent for redistribution, and that Canary statistics give little indication of the final destinations of the product, which they claim enjoys world-wide distribution. United States statistics show that in 1935 imports totaled 69,000 pounds of cochineal valued at $18,000—a little more than 22,000 pounds coming from Peru and the balance from the Canary Islands. While cochineal was formerly important in the textile industry as a dyestuffs material it is now used largely as a coloring matter for foodstuffs, beverages, cosmetics, and pharmaceuticals and in the manufacture of inks, artists colors, and in medicine, it was stated.

Fustic. — A slow buying movement was reported in this direction again last week. Prices displayed a steady to firm tone.

Logwood.—This market recorded a highly irregular buying movement again last week. Quotations were in line with prices in effect previously.

Madder, Dutch.—This market was a rather drab affair again last week, prices were decidedly firm.

Sizing Materials

Albumen.—A sharp rise was noted in the market for egg albumen, prices being approximately 6c. per pound higher at 80c. per pound, the sharp rise in price being brought about by the entrance of London buyers in this market as a result of the shortage of supplies resulting from the Sino-Japanese hostilities.

Dextrin.—Business in this direction was fairly good in the corn derivatives. Prices were firm at previous levels.

Egg Yolk.—This market displayed a decidedly firm tone, sellers were naming a nominal figure of 57c. per pound. The nominal price position of the market was due to the Sino-Japanese hostilities, plus the fact that inquiries were reported in the market from London.

Starch.—A decidedly improved price tone was reported in this market, together with a slight broadening in demand. East of the Mississippi River the corn crop continues to make satisfactory advance. Rainfall during the week was beneficial in the Atlantic area, in Ohio, Indiana, much of Kentucky, and Northern Illinois. The moisture was especially helpful in most northern counties of Illinois, and elsewhere in that state progress continues mostly fair to good, with much past the roasting ear stage. In Missouri, northern Texas, eastern Oklahoma and eastern Kansas, rains were helpful. However, in much of western Oklahoma, they came too late to be of benefit. In Nebraska some corn in the eastern third was helped, but elsewhere the crop is poor and much is being cut for silage. In South Dakota corn is in satisfactory condition only in the more eastern sections, but it is in better shape generally in North Dakota and Minnesota. In Iowa lower temperatures, with rainful in much of the state were very favorable and the improvement will largely offset previous damage in dry sections, though in some localities fields of corn are poor to failure in the midst of areas of good to excellent.

Tanning Materials

Divi-Divi.—Demand here continued at a dull pace throughout the week. Prices were strictly nominal. Nominal position of the market was due to the limited supply.

Gambier.—Business in this market continued at a highly irregular pace, sellers reporting price for common gambier were nominal. There was little to report in the market for Singapore cubes and plantation gambier, demand was spotty and quotations ruled steady to firm.

Mangrove Bark.—Demand in this market continued at highly irregular pace throughout the week, sellers reporting prices at $25 to $26 per ton.

Myrobalans.—Business in this market continued slow during the week, sellers reporting J1 myrobalans at $29 per ton and the J2 item was listed at $20.50 per ton, and R2 was priced at $20 per ton.

Quebracho.—Shipments were moving out at a slow pace throughout the week. Routine consumers were content to purchase when needs were urgent. Prices were unchanged.

Sumac.—Sellers reported ground sumac at $60 per ton and the leaf product was listed at $65 per pound.

Valonia.—A strong tone prevailed in this market again last week. Sellers were reporting beards at $48 per ton and cups were held at $34 per ton.

Wattle Bark.—Demand here continued at a fair pace throughout the week. Prices were unchanged.

American Agricultural Chemical Company, this city, is erecting a sulphuric acid plant adjacent to its factory for the production of fertilizer mixtures, in Baltimore.

Obituaries

Andrew W. Mellon

Andrew W. Mellon, Secretary of the Treasury from 192¹ to 1932, former Ambassador to the Court of St. James, and one of the leading industrialists of the country, died August 26 in the home of his daughter, Mrs. David K. E. Bruce, in Southampton, Long Island. He was eighty-two years old.

With extensive holdings in a great number of industries, Mr. Mellon's largest interests at the time of his death were in the Aluminum Company of America and the Gulf Oil Corporation. Among other companies in which he held directorates were the Pittsburgh Plate Glass Company, the Pittsburgh By-Products Coke Company, the Crucible Steel Company, the Carborundum Company, and the Electric Carbon Company.

Born in Pittsburgh, Mr. Mellon was one of eight children of Thomas Mellon, who was interested in various business lines, and established the private bank of T. Mellon & Sons, which became the center of Pittsburgh finance and is now the Mellon National Bank. Mr. Mellon went to Western University, but left to go into business, and as the years passed, his interests extended into oil, coal, aluminum, banking, insurance, utilities, real estate, steel, and railroad equipment. He gave millions to churches and other organizations and much of the last days of his life was spent in planning for the $15,000,000 National Gallery of Art, in Washington, which he had already started. He and his brother Richard B. Mellon founded the Mellon Institute for Industrial Research in Pittsburgh, and in 1931 the medal of the American Institute of Chemists was presented to him and his brother in recognition of the scientific achievements of the institute. Mr. Mellon remained a bachelor until middle age. In 1900 he married Nora McMullen, granddaughter of Peter Guinness, the wealthy Dublin brewer, and they had two children, Ailsa and Paul.

Charles G. Forster

Charles G. Forster, vice-president of Yahr, Lange, Inc., wholesale druggist, Milwaukee, Wis., died in his home in that city August 23. He was seventy-nine years old. Mr. Forster had been identified with the lumber industry of Wisconsin for half a century. He was president of the Forster Lumber Company, the Hilty Forster Lumber Company, the Wetmore Reamer Company,

(Continued on page 54)

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

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Acetic Acid
Glacial - U.S.P. - Reagent
Acetaldol
Acetamide
Paraldehyde
Acetaldehyde
Iron Acetates
Copper Acetate
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Paint, Varnish, Lacquer Materials

White Lead Prices to Advance ½c. Per Pound Tomorrow —Corroders Taking Orders for Aug.-Sept. Delivery Only —Oxides Unchanged—Naval Stores Steady

Dry white lead prices will be advanced one-half cent per pound, tomorrow, August 31. The increase will include dry basic carbonate and basic sulphate. Blue lead will also advance. Red lead and other oxides remain unchanged. Lead corroders also stated that they would accept orders, either at the present price or at tomorrow's advance, for delivery up to September 30 only. No business will be taken for fourth quarter delivery. This change in white lead prices will be the first since April 5 and it brings the value of white lead up to the level of the present metal market which was increased earlier this month. Purchasing of white lead and the oxides was fairly good last week and will probably reach broad dimensions before the effective date of the price rise in the former. Lead-in-oil, however, has been a very slow mover in the local market and when 15,000 painters and decorators in the metropolitan New York area went out on strike Thursday, the local producers of lead-in-oil could see nothing but continued quiet for the product.

General trade continued rather quiet albeit some of the larger houses have shown additional interest in replacement purchasing and it was expected that Fall trade would get an early start immediately following the Labor Day holiday. The attention of most purchasing agents last week was fixed upon the condition of the chinawood oil market.

Rosin and turpentine quotations showed irregularity but changes from day to day were within moderate limits and the prevailing tone in southern and local centers was regarded as firm. Business continued rather quiet, this applying to domestic and foreign transactions. Receipts were liberal but offerings in primary centers were comparatively light much of the time.

Secretary of Labor Frances Perkins' monthly release on construction activities showed a drop in July. The estimated cost of new residential building for which permits were issued totaled $53,764,056 or 24.4 percent lower than June and 38.4 percent below July last year; new non-residential building costs were $44,683,932 or 2.4 percent higher than June and 19.6 percent higher than last July; total building construction, including alterations and repairs, totaled $131,941,130, a decline of 12.4 percent from June and 15.2 percent from the July, 1936, tons. For the first seven months of 1937 the aggregate value in all classes of building construction for which permits were issued in cities having a population of 2,500 or over amounted to $1,002,592,000, an increase of 19 percent over the corresponding period of 1936. The gain in residential construction amounted to 23 percent.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Rosin, 2½c. to 5c. per 280 lbs.
Turpentine, 1c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
133.4	**133.4**	**133.4**	**129.9**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Lead was steady. Trade was rather spotty but the aggregate sold for the week was satisfactory to the producers. There were one or two active trading days during the week while other days were very quiet and the demand held down to a few carloads. There was not much interest in October booking but this might improve by today when all producers were expected to have their books opened for that period. Prices were 6.35c. per pound at East St. Louis and 6.50c. to 6.55c. per pound at New York, according to seller. It was reported from Joplin last week that the LaMotte mine, which is claimed to be the oldest lead mine in the country, would be opened shortly after a shutdown of five years.

Zinc prices did not change. The East St. Louis price was 7¼c. per pound. The domestic supply situation was still tight and probably will be for weeks to come. London prices sagged in midweek and at the prices that prevailed during the latter half of the week foreign zinc could be laid down here at a comfortable margin below the nominal New York price of 7.60c. per pound. Heavier imports of foreign zinc should go far to relieve the tight domestic supply, and, producers were evidently disposed to keep the domestic price above the import cost for the time being.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from August 21 to August 27, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0650@.0655	$0.0635	.. .. ..
Monday	.0650@.0655	.0635	22 6 3
Tuesday	.0650@.0655	.0635	22 5 0
Wednesday	.0650@.0655	.0635	22 0 0
Thursday	.0650@.0655	.0635	21 11 3
Friday	.0650@.0655	.0635	21 16 3

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from August 21 to August 27, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0760	$0.0725	.. .. ..
Monday	.0760	.0725	24 2 6
Tuesday	.0760	.0725	23 18 9
Wednesday	.0760	.0725	23 13 9
Thursday	.0760	.0725	23 2 6
Friday	.0760	.0725	23 1 3

Pigments

Prices for dry white lead will advance ½c. per pound tomorrow, August 31. Producers announced the advance of a half-cent per pound on Thursday of last week. The corroders further stated that they were accepting business only up to the end of September, even at the new prices. Orders placed today will be accepted at the old price. The advance in prices is a supplementary move to the half-cent increase in pig lead prices earlier this month. At present levels, white lead prices were based on 6c. pig lead and tomorrow's advance brings the value of the derivatives up to the level of the precent metal market which has been 6½c. per pound since August 5.

White Lead.—Effective August 31 and for delivery up to September 30 only, prices will be as follows:—Carbonate, 8¼c. per pound in car lots delivered Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo., and 8c. per pound delivered elsewhere; 8½c. per pound in l.c.l. quantities delivered Ariz., etc.; and 8¼c. per pound in l.c.l. delivered elsewhere. Sulphate, 7¾c. per pound in car lots delivered Ariz., etc., and 7½c. per pound delivered elsewhere; in less than car lots, 8c. per pound delivered Ariz., etc., and 7¾c. per pound delivered elsewhere. These prices represent an advance of ½c. per pound over the price in effect until the close of business today. Corroders were not accepting business for the fourth quarter of the year.

Red Lead.—There was no change in the price of this material or in the price of pig lead last week. Quotations continued at the levels established August 5. Sellers reported a fairly good interest from the buyers and there has been a

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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Industrial Aromatics Division
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visible and progressive improvement in purchasing over the past two weeks.

Litharge.—This lead oxide was also unchanged in price last week and the quotations were those established during the opening week of this month. The article shared in the improved demands reported for red lead.

Lithopone.—The market continued in its Summer gait. There has been no evidence of the Fall improvement that is expected but sellers looked for a quick revival of ordering during this week or next. Prices continued steady at the levels established at the beginning of the current quarter.

Titanium Pigments.—These pigments were doing better. As reported a week ago there was a nice pick-up in car lot business at that time and because of this buying activity from some or the larger consumers, the month's trade was believed to be running better than the limited rate of ordering during July. Prices held a firm place.

Zinc Oxides.—Manufacturers of these pigments could not point to much in the way of trade. The market still held its Summer appearance and nothing much in the way of improvement is expected until after the Labor Day holiday. Prices held steady.

Fillers and Extenders

Inert pigments and fillers have not emerged from the usual August dullness and the opinion around the market is that things would likely remain in their present quiet position until after the Labor Day holiday. The trade was virtually uniform in its belief that Fall trade will start up quickly. There were no price movements reported for this group of materials last week.

China Clay.—There were no developments of importance in the market since last week's report. Trade was quiet and characteristic of the Summer months.

Pumice.—Neither the American ground nor the foreign ground product has shown a change in price or position during recent months. Trade has been routine.

Dry Colors

The condition of the color market during the final full week of the month did not vary from that of earlier weeks during August. Trade moved along at a very slow pace and the sellers of earth and chemical colors did not expect much improvement for a week or so. One of the leading producers of color pigments and natural oxides was still having labor trouble at its Pennsylvania plant. There have been no price movements during recent weeks.

Alkali Blue Toner.—The market continued unchanged at the 90c. per pound level, which has been in force for some time. Demands from ink makers and others were light.

Carbon Black.—Domestic business continued light. The Akron tire makers takings were small and some observers lean toward the belief that tire production will continue small until a good portion of the stocks now in the hands of distributors and dealers has moved into consumption. Tire production was heavy during the first six months of the year, as the producers anticipated the labor difficulties they eventually had, and some believe that production during the latter half of the year will be off considerably. A Commerce Department dispatch from Tokyo states that the pioneer Japanese producer of carbon black has been constructing two new plants in Formosa. Japanese consumption of carbon black during 1936 was between 5,000 and 6,000 metric tons; imports were 4,640 metric tons, whereas for the first five months of 1937 imports reached 3,288 metric tons.

Indian Red.—The market has been without change of position for some time. The demands of the trade were light but it was expected that things would pick up within a week or two as Fall trade gets under way.

Lithol Toner.—Conditions surrounding the market for this and other toner red were serene. Prices held steady and the demands of the market were slow.

Metallic Brown.—Quotations at the producing points continued at 2.10c. to 2.25c. per pound for car lot amounts, according to the packing.

Spanish Red Oxide.—There was practically no free supply on hand and the price was purely nominal. If importers have any supply on hand, it is usually reserved for regular customers.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Hiding Power

Most standard methods of determining hiding-power require that the pigment be dispersed in a vehicle. The technique of dispersion often causes as much variation in hiding power as there is between pigments. Again, the method of measuring hiding power is not entirely accurate if attempts are made to express it in absolute units.

Under standard conditions any of the standard hiding power determination methods gives valuable information as to characteristics of a pigment—assisting the paint chemist in formulating his finishes for the desired opacity.

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SUBSIDIARY OF COLUMBIAN CARBON COMPANY

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Varnish Gums

Replacement market prices for natural gums did not undergo any change last week. Shippers abroad still showed firmness in their views as the week's cables evidenced, but there were no attempts to obtain a higher price. Stocks in the Far Eastern markets were light. Trade here was very small.

Copals.—There has been no change in the replacement market since the advance in prices for some of the Manila Loba gums a week ago. Cable advices from abroad indicate that stocks are light and the primary market suppliers were very firm in their ideas.

Dammars.—Singapore gums continued in a firm position but there were no changes in prices for replacement. The Batavia grades have been unchanged since the decline in the price of standard grades a week ago.

Synthetic Resins

Although the varnish makers' calls for deliveries against contracts and their activities in the spot market have been light, the trade expected things to pick up after the Labor Day holidays. Prices for phenolics—both 100 percent and modified—were unchanged.

Naval Stores

Rosin quotations had an upward trend at times last week and the situation in the South appeared to have undergone improvement so far as the tone was concerned, although there was apparently little change in the attitude of consumers, many of whom were still disposed to adhere to a very conservative course in purchasing operations. The export inquiry for rosin also continued rather slow. Some business was reported to have been closed with South American buyers, but comparatively few inquiries were received from Europe, while Oriental buyers continued to hold aloof.

Daily offerings in Southern markets, however, were generally light or moderate despite the upward trend of prices and the continuation of liberal receipts. Frequent rains in the Southeast were said to have hampered production to some extent, but the precipitation was not sufficiently heavy to interfere with marketing. In the opinion of some no decrease in the movement is likely to be witnessed until later in the season, as something like 50 percent of the production is still to be marketed. In the case of rosin, consumption is said to be holding up well despite the quietness of new business in recent weeks. Reports have latterly been heard to the effect, too, that consumption abroad is on the increase in some fields.

There was no material change last week in the statistical position of either rosin or turpentine, the outward movement from primary markets being sufficient to offset the liberal receipts. Stocks in the three chief markets are considerably smaller than at this time last year. The holdings at some interior markets are said to be large in comparison with this time last season, but so far as new production for the remainder of the current naval stores year is concerned, it is not without interest to note that estimates of the output are in some cases being revised downward, largely as a result of labor troubles.

Turpentine.—The undertone of Southern and local markets was generally firm, changes in quotations from day to day being within moderate limits. Quiet conditions prevailed much of the

time, as consumers were still inclined in many cases to limit their takings to small or moderate quantities to fill current needs, the movement of such lots for the week apparently being unimportant. Weather conditions in some parts of the South were less favorable for production, but marketing continued on a liberal scale. Offerings in primary centers, however, were generally rather light.

SAVANNAH, Aug. 27.—The turpentine market had a firm undertone. Offerings were light. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday	32½	158	443	79	36,573
Monday	33	203	488	127	36,934
Tuesday	33¼	159	576	75	37,435
Wednesday	32½	132	454	30	37,859
Thursday	32	109	383	4,047	34,195
Friday	31½	224	330	...	34,525

JACKSONVILLE, Aug. 27.—The turpentine market was fairly active. The tone was firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday	32½	133	347	...	27,859
Monday	33	56	450	1,231	27,078
Tuesday	33¼	109	250	4	27,324
Wednesday	32½	204	281	1	27,604
Thursday	32	60	273	1	27,876
Friday	31½	...	266	10	28,132

PENSACOLA, Aug. 21.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	194	121	21,668
Tuesday	229	...	21,897
Wednesday	137	...	22,034
Thursday	114	...	22,148
Friday	133	...	22,281
Saturday	169	...	22,450

CHICAGO, Aug. 20.—Tone of the turpentine market here is considerably better. Buyers are showing a new interest in market conditions, and prices are reported firm to strong. This comes about as a reflection of the improved conditions prevailing generally in the naval stores situation, it is thought. Inquiries are coming through well, and both wholesale and retail buying is improved. Ruling prices at the close of business last night were:—Five-drum lots, 43c. per gallon; five wood barrels, 48c.; single drums, 46c.; single barrels, 51c.

LONDON, Aug. 27.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	35	6
Monday	35	9
Tuesday	35	9
Wednesday	35	9
Thursday	35	9
Friday	35	9

Stocks of American turpentine in London were:—

	Aug. 27.	Previous week.	Last year.
Barrels	14,473	11,528	12,765

Rosin.—Local quotations showed irregularity at times last week in company with the course of primary markets. Changes from day to day on most grades, however, were comparatively narrow. The undertone in the South was regarded as better than in the previous week despite the absence of any broadening of domestic or foreign trade. Although receipts continued liberal, daily offerings in primary markets were reported as light or moderate. There was no material change in the statistical situation, as the clearances from primary points were sufficient to offset the arrivals.

SAVANNAH, Aug. 27.—Changes in rosin quotations were generally narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.85	$8.00	$8.00	$8.00	$7.70	$7.80
D	7.85	8.00	8.15	8.00	7.70	7.85
E	7.85	8.00	8.15	8.00	7.85	7.85
F	8.12½	8.15	8.15	8.10	8.05	8.00
G	8.12½	8.15	8.15	8.10	8.05	8.00
H	8.12½	8.15	8.15	8.10	8.05	8.00
I	8.12½	8.15	8.15	8.10	8.05	8.00
K	8.12½	8.15	8.20	8.10	8.05	8.00
M	8.12½	8.15	8.20	8.10	8.05	8.00
N	8.20	8.20	8.20	8.15	8.07½	8.05
WG	8.25	8.25	8.30	8.30	8.25	8.20
WW	9.00	9.00	9.10	8.90	8.85	8.80
X	9.00	9.00	9.10	8.90	8.85	8.80
	Barrels					
Sales	452	363	510	507	542	622
Receipts	1,897	1,906	1,917	1,406	1,738	1,674
Shipments	6	350	1,325	100	2,411	...
Stocks	60,437	61,993	62,585	63,891	63,218	64,982

JACKSONVILLE, Aug. 27.—Rosin prices were irregular, changes being moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.70	$7.70	$7.70	$7.70	$7.70	$7.70
D	7.70	7.70	7.70	7.70	7.70	7.70
E	8.07½	8.00	8.12½	8.00	8.05	7.95
F	8.07½	8.15	8.12½	8.10	8.05	8.00
G	8.07½	8.15	8.12½	8.10	8.05	8.00
H	8.07½	8.15	8.12½	8.10	8.05	8.00
I	8.07½	8.15	8.12½	8.10	8.05	8.00
K	8.07½	8.15	8.15	8.10	8.05	8.00
M	8.07½	8.15	8.15	8.10	8.05	8.00
N	8.10	8.20	8.15	8.15	8.10	8.00
WG	8.15	8.25	8.25	8.25	8.25	8.10
WW	8.85	9.00	8.85	8.85	8.85	8.65
X	8.85	9.00	8.85	8.85	8.85	8.65
	Barrels					
Sales	812	479	416	569	394	616
Receipts	1,044	1,198	586	1,200	933	1,297
Shipments	25	4,165	...	1,475	468	668
Stocks	28,974	26,067	26,593	26,324	26,789	27,418

PENSACOLA, Aug. 21.—Rosin receipts were liberal. The market was steady. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	667	604	370	389	311	429
Shipments	202	1,357	182	1,282	100	682
Stocks	27,212	26,464	26,652	25,759	25,970	25,717

CHICAGO, Aug. 27.—A spurt of decided strength has come about in the rosin market, with prices substantially higher and general tone of the market better. Buyers have hurried to place orders since the turn. Advices from Southern centers seem to bear out the idea of the improved market that is suggested by the improved price levels. Ruling prices at the close of business last night were:—B grade, $11.50; G grade, $11.65; M grade, $11.70; W.W. grade, $12.60.

LONDON, Aug. 27. — Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	19	1½	21	0
Monday	19	1½	21	0
Tuesday	19	1½	21	0
Wednesday	20	3	22	3
Thursday	20	3	22	3
Friday	20	3	22	3

Pine Oil.—A firm tone continued to prevail and the situation remained about as noted in the previous week. Production continues to move steadily into consuming channels and spot supplies are reported as light.

Pitch.—Quotations were maintained at previous levels as a rule, the tone of the market being steady. There was a fairly active movement into local and other consuming channels.

Rosin Oil.—The situation lacked new features of importance. Business continued along conservative lines. The market had a steady tone, the views of sellers as to values being about as noted in the previous week.

Tar.—Prices were stationary and the tone of the market appeared to be rather firm. There was a steady movement into consuming channels.

Shellac

Contrasting with price movement in the previous week, quotations on shellac in London and Calcutta declined during the period under review. The recession in values was small and, in the opinion of importers, was not to be interpreted as indicating any basic weakening of the foreign markets. On the contrary, it was felt that Calcutta was definitely a firm and basically sound market as quoted. With war between China and Japan taking in much more territory last week, the shellac trade continued to watch the situation closely as war always means enlarging demand for shellac and the present situation in the Far East may be the forerunner of a rising demand for shellac—which would, more than likely, find prompt reflection in prices prevailing in Calcutta and London. Demand for shellac in this market remained moderate.

Calcutta, Aug. 27.—Calcutta quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows:—

	Per pound— Aug. 27.	Aug. 20.
August	10¼c	10⅝c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on Calcutta.

Day-to-day prices were as follows:—

	Per pound.
August 20	10⅝c
August 21	No cables
August 23	10½c
August 24	10¼c
August 25	10¼c
August 26	10¼c
August 27	10¼c

London, Aug. 27.—London prices quoted on pure T. N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	August 27— Shillings. Cwt.	Cents. lb.	August 20— Shillings. Cwt.	Cents. lb.
October	46½	10.1	48	10.4
December	47½	10.3	49	10.6

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight— October.	December.
August 20	48s ..	49s ..
August 21	No cables	
August 23	47s 6d	48s 6d
August 24	47s 6d	48s 6d
August 25	47s ..	48s ..
August 26	47s ..	48s ..
August 27	46s 6d	47s 6d

Lacquer Materials

Business in the market for lacquer materials continued highly irregular

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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IMPERIAL
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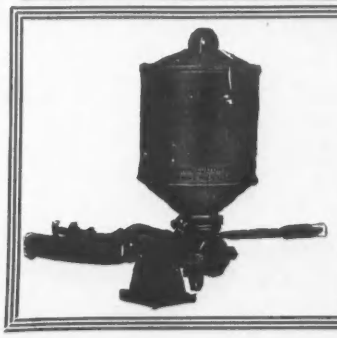
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during the week just ended. Manufacturing consumers continued to adhere to a conservative buying policy. Prices in all quarters of the market were steady to firm. Reports from the automobile industry stated that producers were tapering off the output of 1937 models, although some manufacturers were already reported in production. The output of automobiles during the week were said to have shown a decline. Sentiment in the market was toward the optimistic side, sellers reporting a fair amount of business on the books for shipment after the initial week of next month. Ethyl acetate continued to display a firm tone.

Acetone.—A good buying movement was reported in this market again last week. Sellers reported no change in quotations.

Butyl Alcohol.—Quiet previled in this market again last week. A steady to firm tone was noted.

Dibutyl Phthalate.—This market presented little change during the week. Quotations were steady and demand was irregular.

Ethyl Acetate.—A fair amount of business was reported in this market again last week. Quotations ruled unchanged.

Film Scrap.—A firm tone was in evidence here. Demand was considered fairly good.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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Toners
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Driers

Stearate driers moved in a very routine fashion. Steadiness characterized the price situation at the moment. Some of the producers of aluminum, calcium, magnesium and zinc stearates were just about getting into their stocks of stearic acid bought at current market levels, having been using lower cost material for some time.

Glues and Binders

Casein.—Some of the sellers were offering 20-30 mesh and 80-100 mesh at the same price. Because of the large stocks of the 80-100 fine ground material at the moment, these sellers have waived the ½c. premium that is usually asked over the standard ground. In the meanwhile prices in the West continued rather low at around 12¾c. per pound. The Eastern market ranged from 13c. to 13½c. per pound.

Glues.—Competitive selling was not so sharp as in recent weeks, but there was still some evidence of it in the hide glue market last week. Bone glues have been free from the sharp competitive selling that has been a part of the hide glue market all week.

Books You Can Use

A New Thorpe's

Thorpe's Dictionary of Applied Chemistry. By Jocelyn Field Thorpe, C.B.E., D.Sc., F.R.S., F.I.C., and M. A. Whiteley, O.B.E., D.Sc., F.I.C. Fourth edition; volume I., A to Bi. Cloth; xxvii+703 pages, 6 by 9 inches; illustrated. London, New York, Toronto: Longmans, Green & Co. $25.

The coming out of a new Thorpe's is a major event in the world of chemistry and its universal application. Developments in this world since the publication of the last volume of the third edition of this classic work in 1927 have been epochal, and were but in small part covered by the supplementary volumes issued in 1934 and 1935. The new edition is therefore a most welcome and very necessary contribution to the informative literature of the whole industrial world—for chemistry serves all industry essentially and heavily.

Patching a work of such wide usefulness as Thorpe's dictionary is an unsatisfactory procedure; it cannot give the continuity, the centralization, and the convenience on which is based the real value of such a collation of data. Presented, as they are in Thorpe's, in concise yet comprehensive form, these data provide ready access to the wealth of the fruits of research that has been so potently and so revolutionarily at work in the applications of chemistry over the past several decades. Chemical research is essential to industrial progress, and Thorpe's dictionary is one of the most valuable members of the research equipment of any organization.

The new Thorpe's carries on the dictionary style of its predecessors, which is not merely a collection of definitive and descriptive paragraphs, but a broadly informative encyclopedic treatise of chemical materials—there are thirty pages on "Ammonia," for example. The special articles are the work of recognized experts, scores of whom are engaged in the preparation of the new edition. The endeavor of the editors has been to present each subject in a manner that is comprehensible to the ordinarily cultured reader, to avoid in so far as the specialized subjects permit the necessity of extensive chemical knowledge on the part of the practical searcher for information. They have succeeded commendably, and the value of the work for broad industrial reference has been greatly enhanced.

It is peculiarly fitting that the material in which the first volume of the new Thorpe's is bound is a chemical-process fabric and is colored with monastral fast blue BS, the new pigment, the discovery of which a year ago was no small achievement in the application of chemistry. The new volume is well made in every particular; its size is convenient; its printing is excellent. Its real value—and that is great—lies of course in what is printed in it. Those who have known Thorpe's will find their interest well aroused by the mere announcement of a new edition. Those who have not, have a treat before them, not only in the first volume, but also in those—expectedly eight—that will follow at intervals of about a year.

The Lincoln Tragedy

Why Was Lincoln Murdered? By Otto Eisenschiml. Cloth; x+503 pages, 6 by 9 inches; illustrated. Boston: Little, Brown & Co. $3.50.

The only thing chemical about this interesting work is the training of the author, who is the president of the Scientific Oil Compounding Company. This training is evident in the painstaking research and analysis that have been applied to the infinite multitude of complicatedly interwoven events and purposes that have a bearing on the assassination of President Abraham Lincoln.

Mr. Eisenschiml tells an exciting story in his construction and interpretation of facts connected with the Lincoln tragedy. He presents a well-documented history of a period of strife that involved much more than the severe intranational warfare in the field and the conflict of rival governments within the American people.

Few best-seller mysteries have the possibilities of dramatization that are afforded by the evidence that is discoverable with reference to the assassination of Lincoln and its sequences of reconstruction. The author does well with his treatment of this material, and his implications and inferences thrill and in many instances convince the reader. The published histories and biographies of the period comprising the development and prosecution of the Civil War and particularly the political, economic, and social aftermath go but shallowly into events and circumstances that left a long-enduring impress upon this nation. Mr. Eisenschiml digs much deeper. He offers that which he finds with analytical, interpretative comment and with questioning that will attract the interest of many minds.

The extent to which his readers will go along with the author in the picture that he constructs will depend on individual attitudes. But, all to whom history is significant, as well as directly informative, will go with him closely through the process of his task.

Chemical Personalities

The Chemical Who's Who: Volume II; 1937. Edited by Williams Haynes. Cloth; 543 pages, 6 by 9 inches. New Haven: The Haynes & George Company. $6.

There are in this book biographical sketches of 5,687 persons in the chemical industries. The interest in this information must naturally spread to many times that number.

Books of this kind are handy—like telephone directories and dictionaries. The "stories" are short, but interesting, from a variety of angles, not the least of which is the commercial; for it is very good to know more than the mere name and general looks of the man with whom you have business to do or to look for.

This angle of usefulness has been specially developed in the new edition. Appended to the series of biographies is a classification of hobbies—unfortunately not alphabetized. Better yet are the geographical index of who's who in this town and that town—arranged by States— and a company index of the men in this and that organization, who are presented biographically in the forward part of the book.

A handy book it is for those who know that men are an important factor in the chemical world.

J. C. Nash, president of the Columbia Naval Stores Company, Savannah, returned from Europe August 9 on the Queen Mary. He was abroad six weeks.

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Oils, Fats and Waxes

Chinawood Oil Scarce and Sharply Higher—Perilla and Oiticica Also Up—Cottonseed Oil and Lard Down—Whale and Fish Oils Reduced—Tallow and Grease Lower

Far Eastern developments were reflected in a further strengthening of Oriental oils in domestic centers, but the general list of vegetable, animal and fish oils, fats and greases still had a downward trend, further declines being recorded in various products. Reports concerning the progress of the cotton crop were less favorable but the indications still appeared to point to materially increased supplies of cottonseed, and prices for cottonseed oil dropped to a new low point for the current season. Lard also displayed conscpicuous weakness at times. In such circumstances business in miscellaneous oils and greases was quiet, few consumers being inclined to provide for future requirments.

Chinawood and perilla oils still had an upward trend owing to the increasing seriousness of the Far Eastern political situation and the uncertainty concerning future supplies. Sales of chinawood oil were reported on spot at sharply higher prices. Oiticica oil advanced in company with chinawood. Rapeseed oil was shaded in the absence of any demand of consequence. Whale, sardine and menhaden oil prices were reduced moderately by refiners. Offerings of crude menhaden oil in primary markets continued to be reported as light. Advices concerning menhaden fishing were less favorable owing to storms along the coast. Crude sardine oil again weakened. Cash lard prices had a downward trend at times in company with the course of futures in Chicago, where the market was under pressure from traders. Hog marketing continued light and hog prices were generally firm. Grease and tallow were shaded.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Carnauba wax, chalky, No. 3, ¼c. per lb.
Chinawood oil, 3c. per lb.
Japan wax, 1¼c. per lb.
Lard oil, ¼c. per lb.
Neatsfoot oil, special, ¼c. per lb.
Oiticica oil, 1c. per lb.
Perilla oil, ¼c. per lb.

Reduced

Babassu oil, ¼c. per lb.
Coconut oil, ¼c. to ⅜c. per lb.
Copra, ¼c. per lb.
Cottonseed oil, crude, ½c. per lb.
Cottonseed oil, imported, ¼c. per lb.
Grease, ¼c. per lb.
Lard, 1c. per lb.
Menhaden oil, crude, 2½c. per gal.
Menhaden oil, refined, 3-10c. per lb.
Neatsfoot oil, cold test, ½c. per lb.
Palm oil, softs, ¼c. per lb.
Palmkernel oil, ¼c. per lb.
Peanut oil, ¼c. per lb.
Rapeseed oil, denatured, 1c. per gal.
Sardine oil, crude, 1½c. per gal.
Sardine oil, refined, 3-10c. per lb.
Stearin, ¼c. per lb.
Tallow, ¼c. per lb.
Whale oil, 3-10c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
132.6	133.2	137.2	136.4

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The tone of the market remained easy as the trend of coconut and other edible oils and fats was generally downward. Quotations were shaded ¼c. The inquiry was light.

Chinawood.—With hostilities spreading in China and the general situation in that country steadily becoming worse, there was a further advance in spot quotations in domestic centers. The limited supplies were apparently under the control mainly of resellers, stocks in the hands of importers having been cleaned up. There were reports to the effect that business had been closed in a limited way at from 16c. to 18c. per pound, with some holders asking up to 20c. per pound. Rumors were current at one time early in the week of offerings of forward deliveries at around 14c. per pound, but later on such positions were strictly nominal as importers were not in a position to offer.

Coconut.—An easy tone continued to prevail in the absence of any material change in primary conditions or in the course of quotations for competing products. The downward trend of copra and other oils and fats made consumers still inclined to hold off and few transactions were reported. Crude oil was available for October-December delivery at 4⅜c. per pound in tankcars, showing a further decline of ⅜c. For January forward 4¼c. per pound was quoted. Refined oil was reduced ¼c., to the basis of 9½c. per pound in tankcars, tax included. Business was reported to have been done in copra on the coast at 2.50c. to 2.60c. per pound.

Corn.—The market had an easy tone in company with other oils and fats, although quotations underwent little change. The movement into consuming channels was said to be holding up well but new business was quiet.

Cottonseed.—Quotations on edible oil were maintained at previous levels by domestic refiners but the tone of the market appeared to be easy. Trade was fairly active. Imported oil prices were shaded ¼c. per pound, but quotations were nominal as offerings were very light.

Oiticica.—The rise in chinawood oil was reflected in a further strengthening of oiticica oil, quotations being about ½c. per pound higher with the figures generally nominal. Stocks on spot appeared to be small and offerings for shipment were reported as light.

Palm.—An easy tone prevailed owing to the weakness of competing product. Quotations on softs were shaded ⅛c. but offerings were generally light and the figures appeared to be largely nominal. Niger oil was in light supply on spot and there was no increase in offerings for shipment from abroad. Buying interest appeared to be limited.

Perilla.—Quotations were advanced ¼c. to ½c. per pound and the market appeared to be more or less nominal at the rise, as offerings were limited, owing to the growing seriousness of the Far Eastern situation and the prevailing uncertainty concerning future supplies.

Rapeseed.—The market had a somewhat easier tone owing to a lack of buying interest at the prevailing prices. Supplies were available at 95c. per gallon though higher prices continued to be named by some sellers. Shipments of seed from India to the United Kingdom and the Continent from January 1 to July 28 were 26,400 tons against 22,800 tons in the same time last year.

Soybean.—The market was quiet and the tone appeared to be easy, although selling schedules for prompt shipment oil were maintained at previous levels by producers.

Teaseed.—The tone of the market appeared to be somewhat firmer on the Far Eastern situation but buying interest was light and there were sellers at previous quotations.

Markets at Other Centers

San Francisco, Aug. 24.—Paint and varnish oils moved up while edible materials turned in the opposite direction last week in the market which, at best, did not become very active. War in the Orient, with a blocking of supplies of chinawood oil, sent this commodity coursing upwards rapidly amidst bidding of paint manufacturers, but in the aggregate there was not much covering. Supplies on the spot here appeared somewhat scarce and there appeared to be a rather limited amount of material in transit from the Orient not contracted for. The actual price level is a guess, varying from hour to hour.

Ruling prices are:—

COCONUT.—The market is easier. Quoted for future positions at 3⅞c. to 4c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills. Nearby and prompt shipment from the Pacific Coast is quoted at 4c.

COPRA.—Buyers on the Coast were taking on supplies in a routine way. Quoted today at from 2.50c. to 2.25c. per pound, c.i.f. Pacific Coast ports after sales at figures slightly higher than his earlier in the period.

CHINAWOOD.—The market is stronger, but is upset, owing to the Chinese situation. Sales were recently confirmed on an 18c. per pound basis, tankcars, f.o.b.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

FISH OILS
Producers and Refiners
Crude-Refined-Bleached
We invite your inquiries
THE MENHADEN FISH PRODUCTS CO.
108 E. York Street, Baltimore, Md.

Highest Quality
Saponified
RED OIL
Highest quality oil made for lubricating wool and for Textile Soaps.
STEARIC ACID
Single, Double and Triple Pressed—Cakes, Powdered and Flakes
Established 1840
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Formerly THE EMERY CANDLE CO.
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New York Office, 2116 Woolworth Bldg.
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STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND *{distilled}*
STAR BRAND *{saponified}*
CANARY BRAND
{very pale yellow, especially suitable for best types of dry cleaners' soaps.}

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MAIN OFFICES
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Branches and stocks in all large cities

THE BRODE CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yopps, Robinsons, Bentleys, A. B. C. 5th Edition

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We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
FLAKE STEARIC ACID — STEARIC ACID — RED OIL
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DEPENDABLE FATTY ACIDS
Woburn Fatty Acids are the logical result of high-grade raw materials, modern equipment, strict factory control and constant research.
DISTOLINE (vegetable oleic acid)
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COTTONSEED OIL FATTY ACIDS
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"The Most Suitable Acid for Any Purpose"
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Chemical Division
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Stearic Acid
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RED OIL • • • GLYCERINE • • • CANDLES
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Established 1832
New York Sales Office • 15 Moore St., • New York City
Chicago Sales Office • 4103 So. La Salle St., • Chicago, Ill.

Pacific Coast, with the asking price ranging today from 18½c. to 20c. Supplies are limited.

PERILLA.—Stronger. Prompt shipment crude perilla oil is quoted on the basis of 12c. per pound in tankcars, f.o.b. Pacific Coast ports, duty paid.

SESAME.—Crude sesame oil is quoted in a strictly nominal position at 8¼c. per pound in tankcars, f.o.b. Pacific Coast mills. Most sources are unabel to supply.

TEASEED.—Strong. Quoted at 9c. per pound in tankcars, f.o.b. Pacific Coast ports, August-October shipment.

Chicago, Aug. 27.—The vegetable oil market here remains erratic, with the trend mostly toward lower price levels, with the outstanding exception of Chinawood oil, on which sellers are reluctant to issue a quotation.

COCONUT.—Crude oil, 4c. to 4¼c. per pound, prompt shipment; deferred, 4⅛c. to 4¼c., Coast basis.

CORN.—Crude, low acid, 7⅝c. to 7¾c. per pound, mills, partly nominal. Refined, edible oil, 11c. to 11½c., car lots; and 12c. to 12¼c., drums, less than car lots.

CHINAWOOD.—Ruling, on a nominal basis, spot, drums, 18c. to 18½c.; deferred, around 18c.

Chicago, Aug. 27.—No trading in soybeans for the week ended August 25.

London, Aug. 19.—Soybean, British crude, 30s. 6d. per hundredweight; palm kernel oil, refined 33s. 9d.; rapeseed oil, crude extracted, 37s.; coconut oil, Ceylon, 26s. 3d.; peanut oil, Bombay crude, 31s. 3d.; sardine oil, 20s.; whale oil, crude, 20s. 6d.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

CHLOROPHYLL
BETA CAROTENE XANTHOPHYLL
ALL GRADES AVAILABLE
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OILS
CHINA WOOD OIL
PERILLA OIL
SARDINE OIL
VARNISH GUMS
SPOT FUTURE
L.N. JACKSON & CO. Inc.
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TALLOW
LARD OIL
NEATSFOOT OIL
ANIMAL STEARINE
ACIDLESS TALLOW OIL
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WHITE DISTILLED
FATTY ACIDS
- COCONUT
- SOY BEAN
- WHITE OLEIN
- SPECIALTY FATTY ACIDS
- CORN
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OXIDEX
OXIDEX — A HIGHLY EFFECTIVE ANTI-OXIDANT FOR USE IN TECHNICAL WORK. ASSURES COMPLETE PRESERVATION OF ANIMAL AND VEGETABLE OILS AND FATS. FULLY SOLUBLE IN ALL PROPORTIONS.
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FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL.

FALKOVAR 400
Every month shows greater use of Falkovar YY, where a high quality, low-cost oil is required. However, to meet the demand for those products where Falkovar YY is too dark in color, our new FALKOVAR 400 was developed.
The color is lighter than 18 on the Gardner-Holdt Scale — somewhat darker than the standard grades on our Falkovar A Blown Fish Oil, but sufficiently light for clean, pure tints.
Samples and descriptive literature sent upon request
FALK & COMPANY
PITTSBURGH, PA.

Linseed Oil

Flaxseed prices were irregular, changes generally being moderate. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, Aug. 27.—In the main, flax has shown weakness during the last week, but with reluctance to lose much ground. Liberal precipitation was likely the strongest factor in holding it down. Traders evinced much interest but apparently awaited more definite conditions before venturing too deeply. Argentine weather reports are watched carefully, for the outlook until the present week has not been very encouraging because of an almost total lack of moisture. The domestic crop has felt the weakness in other grains, and the rapid harvesting of the new crop.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.93⅛	$1.91⅛	$1.92
Monday	1.92½	1.90½	1.90¼
Tuesday	1.92½	1.92½	1.91¼
Wednesday	1.93	1.91½	1.91½
Thursday	1.93¾	1.91¾	1.91¾
Friday	1.94½	1.92½	1.91¾

Crop movement in bushels follows:—

	Receipts 1937.	Receipts 1936.	Shipments 1937.	Shipments 1936.
This week	11,804	100,694	....	....
Since Aug. 1	35,501	256,347	106,297	87,905

MINNEAPOLIS, Aug. 27.—Except for the liberal run of new crop flaxseed to market there was no especial feature during the past week. All of the new seed was in very good demand and sold at high prices compared with features. Crushers took care of virtually all of the arrivals. Quality continued very good and advices from the country suggest a better yield than expected by the trade. The first movement of new North Dakota flax developed at the turn of the week and shipping advices from that state are gaining steadily.

Just a few scattering cars of old seed are coming to market now and mixers are inclined to take care of them. They also are picking up a few cars of the heavier weight new crop offerings. There was no Argentine seed received during the week.

Bulk of the new Minnesota seed received to date has been disposed of at 4c. over September and the few cars of North Dakota quality received sold at 5c. over. Dockage in the new seed started light, around 5 to 8 percent, but of late has shown a tendency to increase to 12 to 14 percent. The obnoxious watergrass seed is not as much in evidence in Minnesota seed this year. The crop ripened rapidly and got away from this pest. As yet the movement of new North Dakota seed has not been broad enough to indicate much of anything beyond oil yield, which is good.

Because of the dip in prices considerable of the new seed is running to market without being hedged. Buying in of hedges against cash sales has helped to make the market tone stronger in the past day or so.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.95	$1.90	$1.92
Monday	1.94	1.89	1.91
Tuesday	1.94	1.92	1.94
Wednesday	1.95	1.90	1.92¼
Thursday	1.96	1.91	1.93½
Friday	1.96	1.91	1.94

Crop movement in bushels as follows:—

	Receipts 1937.	Receipts 1936.	Shipments 1937.	Shipments 1936.
This week	632,710	62,670	49,000	207,520
Since Sept. 1	5,706,820	10,036,560	646,910	2,126,600

WINIPEG, Aug. 27.—Trading in flaxseed futures was quiet. Prices were irregular. The week's closing range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.72	$1.74	$1.73⅛
Monday	1.71	1.73¾	1.72⅞
Tuesday	1.71	1.73	1.73
Wednesday	1.71	1.73	1.73
Thursday	1.71¼	1.73	1.73½
Friday	1.71¼	1.73	1.74

BUENOS AIRES, Aug. 27.—Opening prices per bushel on September contracts were:—

	Last week.	Last year.
Saturday	1.34½	$1.30½
Monday	1.34⅛	1.31¼
Tuesday	1.34⅜	1.30⅞
Wednesday	1.33½	1.29¾
Thursday	1.33½	1.28⅛
Friday	1.33½	1.28⅛

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	276,000	362,000	20,000
United Kingdom	4,000	.....	4,000
Continent	248,000	587,000	449,000
Orders	390,000	122,000	.....
Others	28,000	16,000	.....
Totals	946,000	1,087,000	473,000

Since January 1

To—	Bushels This year.	Last year.
United States	19,342,000	7,602,000
United Kingdom	496,000	811,000
Continent	15,618,000	19,873,000
Orders	13,860,000	9,128,000
Others	4,021,000	2,077,000
Totals	53,337,000	39,491,000

Visible Supply

	Bushels.
Last week	5,515,000
Previous week	5,512,000
Last year	5,906,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	156,000	.....	240,000
Continent	.....	.....	4,000
Others	8,000	.....	.....
Totals	164,000	.....	244.000

Since April 1—	Bushels This year.	Last year.
United Kingdom	3,428,000	4,864,000
Continent	172,000	728,000
Others	324,000	60,000
Totals	3,924,000	5,652,000

HULL, Aug. 27.—Quotations on flaxseed were:—

	Per ton La Plata.	Bombay.
Saturday	£13¼	£15¾
Monday	13¼	15¾
Tuesday	13¼	15¾
Wednesday	13¼	15⅝
Thursday	13⅛	15⅝
Friday	13⅛	15⅝

Linseed Oil.—A steady tone prevailed in the local market but aside from this the situation lacked features of interest. Changes in flaxseed quotations in domestic and foreign markets were generally within moderate limits and oil prices here remained where they stood at the close of the previous week, 10.4c. per pound being named for tankcars and 11c. for oil in cooperage, car lot basis.

Quiet conditions prevailed so far as new business was concerned, the principal activity consisting of deliveries on contracts previously placed. Withdrawels have fallen off to some extent in recent weeks, but the indications are still said to point to a considerable increase in consumption for the current season as compared with the previous year. Stocks at the mills here are light and the situation at outside points seems to be similar in this respect.

There was little change in the character of crop accounts from the northwest so far as the size of the yield was concerned, but some improvement was noted in the quality of the seed latterly received. Beneficial rains were received in parts of Argentina but important sections of the country are still in need of moisture.

A report issued recently by the Argentine Government stated that 65 percent of the acreage to seed had been sown in the province of Santa Fe with two-thirds germinating normally and the remainder irregularly. In Entre Rios conditions are said to be very favorable with an increased acreage expected. In the northeast sections of Buenos Aires linseed is in good condition.

Trading in linseed oil futures on the

REFINED TO EXACTING STANDARDS
Staley's SOYBEAN OILS
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VIKING
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LOW COST—HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
K. V. BLDG. CHARLESTON, W.VA.

New York Produce Exchange will commence September 1. Trading hours will be from 11 a. m. to 2:15 p. m. on week days, and from 11 a. m. to 11:40 a. m. on Saturdays. At the beginning of trading the delivery months will be October, 1937, and each succeeding month to and including May, 1938. Contracts will be for 60,000 pounds of linseed oil of New York Produce Exchange contract grade. Quotations will be in cents and hundredths of a cent per pound, each hundredth of a cent fluctuation representing $6 per contract.

Receipts of flaxseed at New York last week were 591,429 bushels.

MINNEAPOLIS, Aug. 27.—Demand for oil has been slower of late, largely because of the easier tone of the flax market and indications that the new domestic flax crop was better than anticipated. Argentine news continued bullish but not enough so to make the oil buyers overlook the domestic situation. Besides, there was rather liberal buying of oil during the past few weeks and some of the requirements of the trade have been cared for. Shipping instructions on maturing contracts continue very good and stocks continue to decrease. Because of this fact an increase in operations is expected after the turn of the month. Currently about 25 percent of the capacity is being used.

Quotations on carload lots f.o.b. Minneapolis, cooperage, 11c. per pound, tankcar lots 10.4c. per pound and warehouse lots 11.4c. per pound.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	2,010,508	280,350
Since Sept. 1	75,812,528	109,284,904

SAN FRANCISCO, Aug. 24.—Linseed oil buyers in general are showing no disposition towards taking on any contract oil here. In the south most of the cheap oil has disappeared, it is reported. Meanwhile, sellers' posted quotations continue as follows;:—Tankcars, 10.6c. per pound; drum car lots ex mill, 11.2c.; drum lots ex warehouse, 11.6c.

CHICAGO, Aug. 27.—A moderate amount of business is being done in linseed oil. Most of the buying seems to be for early shipment. Ruling prices are:—Tankcar, 10.4c. per pound; car lots, 11c.; warehouse deliveries, 11.4c.

LONDON, Aug. 27.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	29	4½
Monday	29	6
Tuesday	29	1½
Wednesday	29	1½
Thursday	29	3
Friday	29	3

Cake and Meal.—A steady tone prevailed, quotations being held at the levels ruling in the previous week in the absence of any wide fluctuations in flaxseed prices. Demand was quieter, this applying to both domestic and export trade, but offerings were generally limited.

MINNEAPOLIS, Aug. 27.—Meal demand showed notable improvement in the past week and large contracts were placed with the crushers for shipment clear up to the end of the year. Buyers who were looking for $25 deferred meal on account of the soyabean situation evidently gave up their ideas and bought rather freely

Shipping instructions on maturing contracts are good and currently the outgo more than offsets fresh production. However, there is still a liberal supply on hand to be moved but the crushers expect to dispose of the bulk of their reserves before soyabean and cottonseed meals become a strong factor in the market.

Quotations on carload lots f.o.b. Minneapolis, 100 lb. sacks, $29.50 to 30.00 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	4,371,702	133,689
Since Sept. 1	120,268,264	198,684,948

CHICAGO, Aug. 27.—Buying of linseed meal by the northern interests has been slack, and not very impressive. Round lot business has been slow. Resellers have had some little quantities to offer. On the whole, the market has been quite easy, and sellers have found buyers with quite limited interest in the situation. Ruling prices are: Round lots, $32.50 per ton, largely nominal; car lots, $32.50 to $33; less than car lots, $34 to $34.50.

Cottonseed Oil

The trend of prices for cottonseed products was mainly downward in local and southern markets. Crop accounts from some sections less favorable.

Cottonseed Oil.—An easy tone prevailed much of the time in the local market for refined oil futures, prices showing a decline of about 30 points as compared with the closing quotations of the previous week, and establishing new low levels for the current season. At around 7.60c. for October and December there was sufficient support to cause a partial rally, but underlying sentiment still appeared to be bearish as to the course of prices in the long run, although some believers in still lower quotations were disposed for the time being at least to reduce commitments on the short side and await further developments, as reports concerning the cotton crop were in some cases less favorable, and the cotton market at times displayed a rallying tendency. It was contended by some, too, that current prices discount much that is bearish in the situation as it exists at the present time.

On the other hand, lard displayed conspicuous weakness at times and the trend of many other fats and greases was still downward, further declines occurring in tallow and coconut, whale and sardine oils as well as various other edible and technical products. The movement of seed to the oil mills was reported to be on the increase, and seed quotations, although materially lower than last season, were still said to be tending downward. Increased pressure of hedging operations in the market for refined oil was predicted by some in the near future.

Marketing of hogs continued on a comparatively light scale but at Chicago the trend of hog prices was downward at times. Receipts of hogs in the principal Western markets for four days of the week aggregated 139,500 head against 170,400 head in the same time last year. The weight of the hogs received in Chicago during the week ended August 21 averaged 276 pounds against 282 pounds in the previous week, 277 pounds in the week before that and 267 pounds in the same week last year. Shipments of lard from Chicago have been much larger than receipts recently and, according to some, the indications point to a liberal decrease in the forthcoming monthly statement of lard stocks in that market.

The semi-monthly report from the Census Bureau on the cotton ginning showed that for the current season to August 16 the quantity of cotton ginned was 514,675 bales against 208,509 bales in the same time last season. Excessive rains were reported in parts of the region east of the Mississippi with a decline in the condition of the crop as a result. On the other hand a rather generous precipitation was reported in Texas and Oklahoma where moisture was needed. The weekly government report stated that in Texas the crop shows considerable improvement in the northwest and the northeast. In Oklahoma rainfall was beneficial for the late crop but much is beyond help in the extreme West and some South Central portions. In the Central States, satisfactory development continues in most sections. In the Eastern Belt most reports are fairly favorable except for weevil activity in sections where rains have been frequent.

Liquidation of September long accounts was something of a feature of the trading. There was also liquidation in later positions for account of local and outside interests. Some thought the technical position had been improved by this liquidation. Longs who disposed of September replaced their sales in some cases with purchases of January and March.

Announcement was made from Washington last week that under the provisions of an act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1938, in case of a dispute in which a review is desired of the grading of any sample of cottonseed covered by a valid certificate issued by a licensed cottonseed chemist, application for review shall be filed or mailed within one week after the date of the original certificate instead of 48 hours as formerly. Also that for each certificate of the grade of cottonseed issued by a licensed cottonseed chemist he shall pay 25 cents to the Bureau, instead of 10 cents as formerly. A statement showing the number of certificates issued must be rendered to the Bureau each month, the same to be accompanied by the appropriate remittance in the form of a certified check, draft, or post office or express money order payable to the order of the United States Department of Agriculture.

Trading in bleachable prime summer yellow cottonseed oil futures on the New York Produce Exchange from August 21 to August 27, inclusive, comprised 1,078 contracts, a total of 64,680,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	7.91	7.61	7.61 sale
March	7.94	7.65	7.65@7.66
September	7.95	7.60	7.59@7.62
October	7.86	7.58	7.60 sale
December	7.87	7.59	7.58@7.61

Crude, Southeast, 6.50c. nom.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Chicago, Aug. 27.—It has been mostly a quiet market in cottonseed oil. Prices, of course, are off considerably, but there has been a tendency toward somewhat more liberal amount of buying. Accordingly, tone seems to be a little more lively than might have been expected. Good, off-Summer, yellow fig oil is 8⅜c. to 8½c. per pound. Refined, edible oil is quoted at 10¾c. to 11c. per pound, barrels, car lots; and 11¼c. to 11½c., barrels, less than car lots.

Hull, Aug. 27.—Quotations on cottonseed oil were:—

	Refined, Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	29	6	26	6
Monday	29	6	26	6
Tuesday	29	0	26	0
Wednesday	29	0	26	0
Thursday	28	6	25	6
Friday	28	6	25	6

Cake and Meal.—An easy tone continued to be noted in southern markets owing to the downward trend in oil quotations and weakness in other varieties of feedstuffs. An improvement was reported in the inquiry from western sections where the condition of pasturage has deteriorated as a result of hot, dry weather.

Markets at Other Centers

Atlanta, Aug. 25.—With the advent of the new crop seed, prices of cottonseed products have slumped heavily during the week. The market could not stand the pressure of a bumper crop now being harvested. All items broke sharply.

New seed is selling around $22 a ton at interior shipping points as the big crop comes in. This low price is in keeping with the low price of products.

Quotations of this market are as follows:—

OIL.—Prime crude, 6¾c. to 7c. per pound.

MEAL.—7 percent grade, $22 per ton, interior mills.

HULLS.—$9 per ton, loose.

SEED.—$22 per ton, interior shipping points.

Memphis, Aug. 27.—Trading in crude cottonseed oil continues very light on account of delayed seed movement, due to continuous rains. Last sales reported were at 6½c., Valley points, prompt and September shipment. This price is still bid. Cottonseed meal more active. Today 41 percent quoted at $22 per ton for prompt shipment, and $21.50 per ton September-October shipment. Slab cake, 41 percent, $19 per ton, prompt and September shipment. Hulls, $2 to $2.50 per ton in this section, according to location. Rains are continuing over a wide area and mills are complaining over the light seed receipts. Crushing operations getting under way later than was expected.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	August 19.	August 26.
September	$20.50@20.75	$20.50@20.75
October	20.50@20.65	20.60@——
December	20.50@20.75	20.65@20.85
January	20.75@——	20.75@20.90

Animal Oils

Lard.—The market had a firmer tone, quotations being ¼c. per pound higher on some grades. No broadening of business was noted, consumers being disinclined to purchase in advance of current requirements.

Neatsfoot.—Cold test was reduced ½c. per pound while special was advanced ¼c. Other grades were unchanged and the tone of the market appeared to be steady. Purchases were generally limited to unimportant quantities.

Oleo.—Quotations were unchanged, the tone of the market being steady. There were reports of a somewhat better inquiry though consumers showed little disposition to anticipate to any extent.

Tallow.—There was a fair inquiry and the market retained a steady tone, previous quotations remaining in effect.

Markets at Other Centers

Chicago, Aug. 27.—The animal oils have been affected to some extent by the recessions in the general list of fats, and are now available in some cases at concessions from levels that existed previously. Business has been quite slow, with neither buyers nor sellers willing to make very large headway toward meeting the others' views. Movement, hence, has ben rather restricted.

LARD.—No. 1, 11¾c. to 12c. per pound.

OLEO.—No. 2, 12¼c. to 12½c. per pound.

TALLOW.—Acidless, 10½c. to 10¾c. per pound, tanks; 11¾c. to 12c., drums.

Fish Oils

Menhaden.—The local market for refined oil was easier, quotations being reduced 3-10c. per pound. Consumers did not show much disposition to provide for future needs, the purchasing generally being limited to comparatively small or moderate quantities. Crude was easier, sales being reported at a decline. Offerings continued to be reported as light despite the downward trend recently of prices for other oils and greases. Reports concerning fishing operations were less favorable owing to storms along the coast during the week.

Sardine.—Quotations on refined oil were reduced 3-10c. per pound, the easier situation being attributed to a decline recently in crude oil and to the downward trend of other oils and greases. There was a fair demand though consumers were not disposed to anticipate. Crude oil was weaker, sales being reported at a decline of 1½c.

Whale.—An easier tone developed, the market apparently being influenced by the recent course of other oils and greases. Business continued along conservative lines, the call for small or moderate quantities being fairly active.

Markets at Other Centers

San Francisco, Aug. 24.—Fish oils in California slid off several more notches last week in a market that was more or less quiet at times. With business opening at a new low for the season's production several days ago at 38c. in tankcars, buyers came in with further bids at 37½c., when transactions on a number of tankcars were completed. The week's business was probably limited to less than 40 tankcars, a check revealed, although this was not confirmed absolutely. In any event, none of the large buyers were in the market and there still remains plenty of the potential production to be sold.

Production has been under way for some 10 or 11 days now in California, having started shortly after settlement of the fish tonnage price of $13 which the plant operators are paying the fishermen. However, a full moon has precluded fishing during the past several days, but the boats are expected to proceed out to sea tonight, after which it is expected production will start in earnest. Floating reduction plants have so far failed to put out to sea. A labor tie-up is still in proggress on board the floaters, separate and aside from the recent fishing fleet deadlock. It is expected that negotiations now under way with the floating reduction plant workers will result in these vessels operating within a very short time now.

Herring fishing in the Northwest has become slightly improved of late, reports say. No further sales have been reported from that district, and it is seen that most of the season's production has been spoken for. This oil moved in the same price channels as California oil. Fishing off the Oregon coast has not been very satisfactory and it has been difficult to get boats to work there. A report here last week from Washington said the fleets were finding good schools off Aberdeen and that production there was holding up well.

Baltimore, Aug. 26.—Because, perhaps of the lowering in the prices of some other commodities that compete with menhaden oil, there was a decline in the market of this product during the last week, some sales of ten to fifteen tanks in the aggregate having been made at 37½ cents per gallon. Further business could probably be negotiated on this basis if the producers were willing to accept that figure, but at least some of the factories take the view that as much as 40 cents might be obtained, while the ideas of the buyers have undergone a further revision, with offers of 35 cents per gallon talked of. The easier tone of the market is due to the lowering trend in linseed oil and several other items. The fishing down the Chesapeake Bay meanwhile shows improvement of a sort, with the absence of wind favorable to the operations of the fleet, and the prevalence of intermittent rains not a handicap. The quotations on refined oil remain fairly steady at 54 to 56 cents per gallon for white pressed, 56 to 58 cents per gallon yellow bleached, and 58 to 60 cents per gallon on white bleached. An increasing demand from the paint industry is reported.

Fats and Greases

Grease.—The market remained in an easy position, the tone being influenced by recent developments in other greases and fats. Business lacked snap, consumers being disinclined to purchase ahead. Prices were shaded ¼c.

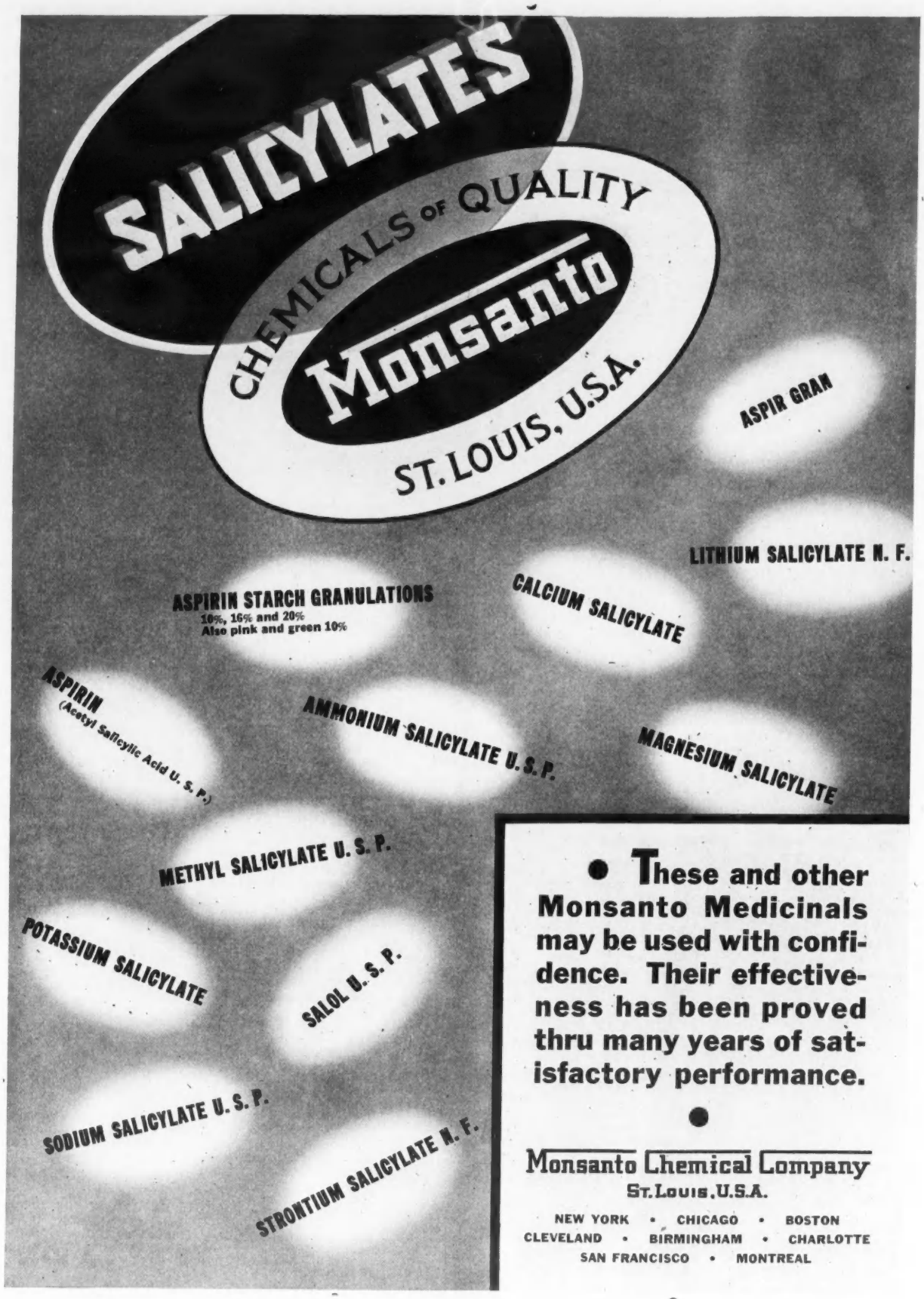
Lard.—Cash quotations had a downward trend at times in company with the course of futures at Chicago where speculative sentiment still appeared to be bearish. Domestic trade was fair. The export inquiry continued light.

Stearin.—The market was easy in the absence of any improvement in demand, quotations being shaded ¼c.

Tallow.—The spot market was quiet much of the time and the tone continued easy. There were reports of occasional inquiries from small consumers but large interests were disposed to hold off in view of the recent weakness in tallow and other oil fats and greases. The last business reported was at 7½c. per pound for extra, delivered, showing a further decline of ¼c.

Trading in tallow futures on the New York Produce Exchange from August 21 to August 27, inclusive, comprised 15

(Continued on page 46)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Drugs, Fine Chemicals

Japanese Blockade of China Coast May Lead to Blocking of Hongkong Shipping—Argols and Cream of Tartar Up —Sulfanilamide Reaches Stabilization Point

Important price changes in the market for drugs and fine chemicals last week included higher quotations on argols and cream of tartar, together with lower values on sulfanilamide. The balance of the market was but moderately active but most materials continued to be in a steady price position and trade prospects for the Fall months were reported to be very good.

China continued to bring important developments likely to affect sales of American products to that country. This country supplies China with substantial quantities of formaldehyde, borax, medicinal preparations, proprietary medicines, serums, anti-toxins, vaccines and petroleum jelly.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Argols, $1 per 100 kilos.
Cream of tartar, 1c. per lb.
Menthol, 5c. per lb.

Reduced

Sulfanilimide, 15c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week	Prev. week.	Last month.	Last year.
181.5	**181.4**	**181.5**	**179.3**

Market news that may have developed after this report was sent to press will be found on page 4.

The developments last week were based on a widening of the area of war between China and Japan. At midweek, August 25 to be exact, Japan established a naval blockade of the China Coast on a line starting just north of Shanghai and ending at a point slightly north of the British port of Hongkong. The official Japanese statement was that the navy had "closed the Chinese seacoast to traffic of Chinese vessels from 32 degrees, 4 minutes north latitude, and east longitude 121 degrees, 44 minutes, to 23 degrees, 14 minutes north latitude, and 116 degrees, 43 minutes east longitude. Peaceful commerce carried on by third parties will be fully respected, the Japanese having no intention of interfering with it."

Many wondered how long Japan would continue to consider shipments of the above mentioned materials "peaceful commerce" when carried on by "third parties" as other nations were described in the official blockade statement of Japan. On Friday, news dispatches from Shanghai quoted a spokesman of the Third Japanese Fleet as declaring: "Foreign shipping along the China coast may be halted by Japanese warships . . . We exercise the right of pre-emption toward foreign bottoms carrying a cargo that in time of war would constitute contraband."

Acetanilide.—Consumption continued to run high as manufacturers of sulfanilimide still took large quantities of this raw material. The outlook favored the view that trade would continue to be large until such time as stocks of the manufactured article shall have accumulated in the hands of the producers.

Acid, Boric.—Call for USP acid was steady and up to expectations based on the normal consumption of this material. Prices were fully firm in all respects.

Acid, Citric. — Trade was very fair considering the fact that the fag-end of the largest consuming season of the year was in sight. Weather conditions continued to be favorable to a high rate of consumption in the bevarage trade—a fact naturally reacting favorably on the consumption of this acid.

Acid, Tartaric.—The market was very firm. Demand for the acid was very good, seasonal conditions having been favorable for an excellent movement to the manufacturers of beverages. Users for technical purposes were also fair takers of the item. Exports to Colombia, S. A., in 1936 totaled 29,087 kilos from the United States, comparing with the total import of 57,416 kilos. The balance of the import was taken from Germany and the United Kingdom.

Agar. — Reports from Japan stated that stocks of material available for shipment had become exhausted. The chances were that whatever was unsold in Japan was being held for home requirements which, on the whole, were likely to be increased by conditions prevailing in the country of export.

Alcohol.—The market was without feature development. Trade was along sound and well established lines so far as prompt business was concerned. It was very good as concerned booking of contracts of antifreeze material for shipment to jobbers and distributors later in the season when cold weather shall have increased demand from motorists. Prices were very steady.

Aloin. — No easing of the recently strong raw material market developed last week, nor did signs point to such a development at an early date. Not, at least, until another crop shall be marketed. Prices on aloin were very firm at the recent rise.

Argols.—Prices were advanced $1 per 100 kilos, making the replacement cost $32 to $34 per 100 kilos. The price progress of this material over the past several months has been steadily upward.

Bismuth Metal and Salts.—Ordinarily good request was noted for the raw material and the derived products. Prices were firm and well stabilized to the point where signs of an early change were not to be found on the surface of the market at least.

Borax.—Domestic business continued to be very good and those operating under contracts were usually prompt takers of tenders made them by the producers. As to export business, it was good and free from uncertainty except as concerns the substantial tonnage usually shipped to China. War between that country and Japan spread last week and a coast blockage against Chinese vessels was established from north of Shanghai to a point close to Hongkong. Japan said that the "peaceful" trade of third parties would not be interfered with. On Friday, news from Shanghai reported a Japanese authority as saying that foreign bottoms may be halted by the Japanese navy. Also, reports from the Pacific coast indicate that shipping to China was almost at a stand still.

Caffeine.—Business was very good on the whole, though it has not expanded much of late. Pricewise, the market was firm in all respects and seemed likely so to remain for the immediate future.

Castor Oil.—Trade was up to recent volume, on the whole, and the movement into consuming channels compared favorably with that in recent periods. Prices continued to be well stabilized.

CHICAGO, Aug. 26.—The castor oil market holds quiet, with a good tone reported ruling in most cases. The trade is showing more seasonal interest, and a generally healthy condition seems to exist. Ruling prices are: No. 1, drums, car lots, 10⅞c. per pound; drum, less than car lots, 12c.; barrels, car lot, 11½c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c. per pound, drums, car lots; 11½c., drums, less than car lots; barrels, car lot, 10⅝c.; barrels, less than car lots, 11¾c.

Cocaine.—Regarding importations of raw material from Peru, the United States took 78,408 kilos in 1935, comparing with the total Peruvian export of 70,072 kilos in that year. Peru exported 670 kilos of cocain in 1935, a decrease from 962 kilos in 1934. Germany was the principle buyer in both years, having purchased 887 kilos in 1934, and 640 kilos in 1935. Total exports of cocaine in the first ten months of 1936 were 763 net kilos, being greater than the entire year of 1935.

Codliver Oil.—An indication of the extent to which contract buying has been done by domestic firms, reports from Chicago state that a $200.000 shipment of oil had been received from Bergen, Norway. It reached Chicago by way of the St. Lawrence River and

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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Minor Salicylates
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the Great Lakes. The spot market showed a slightly greater activity last week and values were very steady.

Corn Syrup.—Although the price of corn has declined considerably since the recent revision in quotations on corn syrup, no further decline in the value of the latter article took place last week. Some look for a further movement in favor of buyers, however.

Cream of Tartar.—Producers advanced quotations 1c. per pound on August 24, making the price 19¾c. per pound in quantities of 5,000 pounds, one delivery; smaller quantities, 20¼c. to 20¾c., ruling according to the type of container. Shipments out of Chicago warehouse cost ½c. more. Raw material was advanced $2 per 100 kilos. Exports from the United States to Columbia, S. A., totaled 8,937 kilos in 1936, comparing with the total importation of 15,460 kilos into Columbia. Germany was the other supplier.

Formaldehyde.—Uncertainty concerning future exports to the best foreign customer of this country—China—prevailed last week. Japan began a blockade of the China coast from north of Shanghai to a point close to Hongkong on the south coast. It was a blockade against Chinese vessels. Japan announced that the peaceful commerce of third parties would not be interfered with. It was a question if Japan would long permit the importation into China of formaldehyde, which is not only a material used in peaceful pursuits, but which also is of importance to military forces.

Glycerin.—A market of somewhat routine sort prevailed last week. A fair amount of shipping against existing contracts took place and a moderate amount of new business reached the producers. However, on the whole, the market was a quiet affair with prices failing to show activity.

CHICAGO, Aug. 26.—Considerable interest is being evinced in the c.p. glycerin market. Other grades are reported drawing some attention also. Contract commitments are being filled on a good scale, it is reported. Ruling prices are: C.p., car lots, 21½c. per pound; drums, less than car lots, 22c.; cans, less than car lots, 23½c. to 25c., according to quantity; dynamite, car lots, 21½c.

Iodine.—Reports from Japan stated that a new company has been formed for the purpose of recovering iodine from subterranean brine which occurs in the natural gas area of Otaki and vicinity. The company will utilize a process developed by the Physical and Chemical Research Institute. It will be recalled that Japan recently signed an agreement with the Chilean producers whereby Japan's export market for crude iodine was defined specifically.

Menthol.—The market in Japan strengthened and resulted in the first price movement to take place on spot for some time past. Quotations were set up at $4.25 to $4.35 per pound, which was not much different from replacement cost.

Quicksilver.—The market was but moderately active on spot, and for the most part a quiet situation prevailed. Fundamentally, however, the market appeared to be fairly firm as to price at home and abroad.

SAN FRANCISCO, Aug. 23.—Quicksilver continues in very light demand and the market is holding about steady at the previously quoted prices. The situation is entirely without feature here.

Quinine.—For the moment, business appeared to be slightly less active than it had been but such a development was entirely in line with any reasonable expectation—considering the excellent volume of transactions that prevailed over a number of months. Expansion in activity to meet Winter needs was expected to begin soon.

Seidlitz Mixture.—Because of the fact that argols were $1 higher last week, and also because cream of tartar was raised as a result, a rise in quotations on mixture was expected to take place soon. The market was substantially firmer during the past week.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate, Cents.	New York, Cents.	London, Pence.
Saturday	32⅞	44¾	19⅛
Monday	32⅞	44¾	19⅛
Tuesday	32⅞	44¾	19⅞
Wednesday	32⅞	44¾	19⅛
Thursday	32⅞	44¾	19⅝
Friday	32⅞	44¾	19¼

Soda Benzoate.—Business was very good. Much of the activity of sellers was confined to shipments of substantial quantities to consumers whose requirements usually expand at this season of the year. Values were very steady and the market lacked signs of unsettlement.

Sulfanilamide.—Prices were reduced again. New quotations were as follows:—1,000-pound lots, $2 per pound; 500-pound lots, $2.10; 100-pound lots, $2.20; 5-pound bottles, $2.60. The material has at last reached the price where recent statements have indicated that stabilization of values would begin.

S. W. Plant in China War Zone

Press dispatches from Shanghai reported the destruction of the warehouse of the Sherwin-Williams Company in the Hongkow district of that city. The office of the company here was notified by cable that the company's personnel was safe but was unable to obtain any direct information as to whether or not the warehouse was actually destroyed. The structure is located at the scene of the heaviest shelling in the battle zone.

Warner D. Huntington, director of fertilizer sales of the American Cyanamid Company, this city, has returned from a European trip.

Garvan Scholarships Are Awarded to Three Women

Award of three women's graduate scholarships in chemistry totaling $1,200 has been made by the women's service committee of the American Chemical Society, of which Lois W. Woodford of the American Cyanamid Company laboratories, Stamford, Conn., is chairman.

The scholarships, provided by Francis P. Garvan, president of the Chemical Foundation, went to Clara M. Szego, of this city; Miriam Straus, Cleveland, and Mary F. Bates, Detroit.

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NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
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LIGHT POWDER, U.S.P. TECHNICAL GRADES
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Botanical Drugs, Gums

Chinese Anise and Rhubarb Move Up Sharply—Cantharides from China Substantially Firmer—Colombo Prices Break Severely —Powdered Gurana Scarce and Higher Here

Some of the market excitement caused by the threat to the further shipment of botanical drugs exported from China died down last week. However, every item originating in China continued to be in exceptionally firm position with the future of stocks being highly uncertain and with the prices asked showing either marked strength or actually higher levels. At midweek Japan set up a naval blockade extending 800 miles from north of Shanghai to a point just north of Hongkong. On Friday, news dispatches from Shanghai quoted a spokesman of the Third Japanese Fleet as declaring:—"Foreign shipping along the China coast may be halted by Japanese warships . . . We exercise the right of pre-emption toward foreign bottoms carrying a cargo that in time of war would constitute contraband."

Considered as a whole, the market was generally firm in undertone, even though actual demand from manufacturing consumers were none too active. The latent strength unquestionably present in the market was based on the fact that stocks during the next consuming year were not expected to exceed the very moderate supplies available last year. In fact, numerous items have not been collected in a volume equal to that of a year ago and in almost every instance dealers have had to pay fairly fancy prices in order to encourage and stimulate the activity of field workers. This all means a situation in which moderate sized stocks will be available at prices either firm, or actually higher.

Among the actual changes in spot quotations last week were the higher quotations on star anise and rhubarb root, both of which come from China. Calabar beans turned out to be scarce when demand pressed and a sharp rise in values followed. Galangal also fetched more money. Powdered papain and guarana were raised and some dealers were unable to supply the latter article. Colombo plunged still lower because of competition becoming once more an operative force in the spot market.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags—Detained.	Bags—Entered.
Anise	2,816	15,925
Caraway	2,936	7,386
Cardamom (cases)	61	1,577
Celery	521	6,358
Coriander	6,648	8,088
Cumin	1,975	6,809
Digitalis leaves (cases)	143	166
Dill	184	647
Fennel	435	2,415
Henbane leaves (bales)	141	294
Mustard	330	18,353
Poppy	1,550	30,756
Sage leaves (bales)	20	1,320
Sesame	228	11,845
Stramonium (bales)	227	327
Thyme (bales)	636	1,189
Totals	18,851	126,955

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, star, 3½c. per lb.
Cassia, Batavia, No. 1, ¼c. per lb.
Saigon, ½c. per lb.
Coriander seed, natural, 1¼c. per lb.
bleached, 1¼c. per lb.
Calabar beans, 10c. per lb.
Galangal root, 1c. per lb.
Guarana, powdered, 40c. per lb.
Ginger root, African, ¼c. per lb.
Kino gum, 40c. per lb.
Mustard seed, California, brown, ¼c. per lb.
English, yellow, ¼c. per lb.
Danish, yellow, ½c. per lb.
Dutch, yellow, ½c. per lb.
Roumanian, yellow, ¼c. per lb.
Papain, powdered, 10c. per lb.
Poppy seed, Dutch, ¼c. per lb.
Polish, ¼c. per lb.
Rhubarb root, whole, 10c. per lb.
powdered, 14c. per lb.
Saffron flowers, Spanish, $2 per lb.

Reduced

Canary seed, Morocco, ¼c. per lb.
Argentina, ¼c. per lb.
Caraway seed, ¼c. per lb.
Cardamom, green, 2c. per lb.
Cumin seed, Algerian, ¼c. per lb.
Morocco, ¼c. per lb.
Colombo root, 15c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.9	126.1	128.2	119.2

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—The firmer and somewhat higher prices on replacement goods, quoted in the previous trading period were well maintained during the week. Actual demand was conservative, but the undertone of the market was exceptionally steady.

Tolu.—Irregular request was the rule last week, consisting mainly of jobbing requests. Undertones were steady to firm, and prices were well maintained.

Barks

Cottonroot.—The market was steady. Collection was not satisfactory this year, some reports indicating that the material had been totally neglected. Local sellers had very firm views regarding the value of this material, notwithstanding the occasional call for the article last week.

Elm.—No surplus of stocks will be available this year and conditions indicated clearly that a season of exceptionally firm, and possibly higher, prices is a reasonable prospect.

Sassafras.—Collections have been conservative and large dealers have paid fairly high prices in order to get the not large quantities they have been able to secure. Quotations on spot goods were well stabilized last week.

White Pine.—Supplies were not expected to be over plentiful next Winter, although at this time reports do not suggest the probable development of positive shortage. Fairly high prices paid workers have encouraged the gathering of a modest amount of bark against coming needs.

Beans

Calabar.—A trifle larger trading revealed the fact that stocks of the item were far smaller than had been supposed. The result last week was a substantial rise in quotations to the basis of 25c. to 26c. per pound.

Vanilla.—Trading was routine, but volume reached fair figures by the close of last week and market undertones seemed to have strengthened considerably by the close of the period. Little or no tendency to shade quotations prevailed, quoted prices being well maintained in anticipation of a wider demand from the manufacturers of extracts. Replacement costs in all markets were very firm.

Berries

Fish.—Only a few orders have been received of late, but in every instance of demand having developed the market was found to be in exceptionally steady price position. Stocks were moderate in size.

Raspberries.—The decline in quotations has been checked for the time being at least and local dealers quoted on a somewhat firmer basis of 75c. to 80c. per pound, according to quantity. Demand was moderate.

Flowers

Calendula.—It has not been possible to buy to important price advantage in Europe thus far and the prospect for quotations remained steady to firm in local circles was said to be excellent last week.

Chamomile.—Competition for business in Hungarian flowers was keen enough to make somewhat uncertain the price at which actual deliveries out of spot goods might be obtained. However, on the basis of prevailing replacement cost, the spot quotation was said to be fully justified at 27c. to 28c. per pound.

Malva.—Some reports suggested that, ultimately, values locally might be shaded a trifle as some goods were said to have been bought abroad at prices which would permit some concessions to buyers. Interest was limited to jobbing quantities on spot last week.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

HOPKINS BRAND
CRUDE DRUGS
GUMS } KARAYA • ARABIC TRAGACANTH
PYRETHRUM • REDRATSQUIL
DERRIS • CUBE
We have been for over forty-seven years first hand direct importers and suppliers of all foreign and domestic crude drugs, importing from every important shipping point in the world. All botanicals we import or handle are BOTANICALLY, CHEMICALLY, BIOLOGICALLY and otherwise determined to conform with our standards as well as the pharmacopœia standards.
We carry in our New York City Warehouse and Mills full stocks of all Foreign and Domestic Crude Drugs for which there is commercial demand.
WRITE FOR PRICE LIST
J. L. HOPKINS & CO., 220 Broadway, New York, N.Y.

MURRAY & NICKELL MFG. CO. Established 70 Years
105 West Madison Street - - - Chicago
BOTANICAL
CRUDE DRUGS MILLED
HERBS - ROOTS - BARKS - SEEDS AND SPICES
WATER SOLUBLE GUMS TRAGACANTH ARABIC - KARAYA
AMERICA'S OLDEST MANUFACTURER - PYRETHRUM PRODUCTS

DI-BUG PYRETHRUM
EXTRACTS AND POWDER
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY — WARREN, PA. MAIN OFFICE — BUSH TERMINAL, BROOKLYN, N. Y.

Gum Tragacanth---Gum Arabic
Importers
THURSTON & BRAIDICH, 286 Spring St., NEW YORK

KARAYA TRAGACANTH ARABIC
GUMS
WHOLE AND POWDERED
FRANK-VLIET CO. INC.
160 WATER ST. NEW YORK, N. Y.

CHICLE, Mexican
F. HUBER & CO., 99 Hudson Street, NEW YORK

MINERS REFINERS IMPORTERS
CLAYS INDUSTRIAL
PERRY CLAY
The ideal diluent for Southern Rotenone Dust Manufacturers. Shipped in finely powdered form in paper bags.
Send For Your Sample
United Clay Mines Corporation
Trenton *Dept. O* New Jersey

Buyers Prefer
"O-P-D"
Market Information
because it is
Definite and
Accurate

Finest Ground PYRETHRUM AND DERRIS POWDERS in the world
These powders contain more killing particles. More effective — more economical. Write for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

Mullein.—A fair amount of business was reported, though the total was made up of numerous orders for limited quantities. No further reductions in quotations have been made. In fact, a steadier undertone seemed to have developed.

Saffron.—Higher replacement cost, plus shrinkage in spot stocks, turned spot quotations to somewhat higher position last week. The market was called $20 to $21 per pound, even though no great amount of interest was displayed by buyers for consumption.

Gums

Arabic.—Dullness characterized demand on the spot last week. The absence of trade appeared in spot sales as well as in business done with the primary market. Foreign market prices changed very little, there having developed a check to the movement of values in favor of buyers notwithstanding the absence of much call from foreign countries. Stocks available in this market were fully equal to any reasonable call that might develop.

Benzoin.—Strictly U.S.P. gum, or at least gum which had been passed by the Food and Drug Administration in the not far distant past, was strongly held on the spot because of the fact that further admission of arrivals has been rendered highly uncertain by the strict application of U.S.P. tests on all goods reaching this country. The test for rosin had not been applied at all examinations in the past, and it is the contention of importers that all benzoin imported in the past would have shown a rosin reaction had the test been applied.

Camphor.—Generally firm market undertones were the rule. Some gain in movement into consumption was reported but, on the whole, such gains were individual experiences, not that of the trade as a whole. Prices were well maintained. Importations during the first six months in each of the past four years were as follows:—

	Pounds		
	Natural		
	Crude.	Refined.	Synthetic.
1937.....	1,432,275	657,759	1,040,565
1936.....	1,367,673	460,103	988,424
1935.....	896,960	746,637	453,212
1934.....	1,405,028	910,729	262,221

Kino.—Stocks were small. Some sellers reported nothing available. Spot quotations were advanced to the basis of $2 to $2.10 per pound.

Myrrh.—Sellers were competitive in their views and the tendency in some directions seemed to be toward further shading of quotations. The call was irregular most of the time last week and covered jobbing requirements in most instances.

Herbs and Leaves

Buchu.—Spot quotations steadier when they reached 50c. to 51c. per pound, being directly in line with the replacement cost of the material. While demand was not very active last week, it was about normal and the trade expected improvement in the call to come in the not far distant future.

Eucalyptus.—The future of supplies was uncertain insofar as obtaining goods from Spain was concerned. Material may be secured from other sources, however, and severe interruption of supplies was not expected to develop during the Winter months.

Digitalis.—Trouble enough has been experienced in getting goods to this country in a condition where surplus moisture content will not result in detentions by the Food and Drug Administration. The market was substantially firm in undertone.

Peppermint.—Foreign material remained firm at the higher limits noted during the previous trading period. Replacement cost was firmer, if anything. Domestic material remained very steady. Demand was light.

Uva Ursi.—After several declines in price, this item became steadier and during the past week the undertone appeared to be substantially firmer than it had been. Quotations prevailed at 14c. to 15c. per pound.

Miscellaneous

Cantharides.—Chinese flies were substantially firmer because of the uncertainty of future shipments of material from China. However, the presence of fair stocks on spot kept prices inactive.

Colocynth Pulp.—Stocks were plentiful on spot, but values were about steady. Recent reductions had bought values into line with what had been paid for new crop in the replacement market. Demand was moderate to light.

Guarana.—Most sellers were unable to fill orders for powder. The result was a further rise in quotations and during the period under review the market was established at $1.15 to $1.20 per pound.

Kola Nuts.—The primary market continued to be quoted firmer and less responsive to buyers' bids. On the spot, quotations were firmer, but lacked new development.

Papain.—Sales of powder have been made at $1.60 to $1.65 per pound, representing further strengthening of the market, which condition was a total reversal of the undertone prevailing for several months past.

Roots

Colombo.—Arrival of a moderate quantity root brought a sharp reduction in quotations during the previous period, while during the week just ended, competition forced values still lower and set a market on the easy basis of 20c. to 21c. per pound.

Galangal.—Quotations were higher at 9c. to 10c. per pound, backed by the presence of somewhat improved demand for spot deliveries. Replacement costs were somewhat firmer.

Rhubarb.—Quotations on whole root were raised to 50c. to 55c. per pound; powder, 60c. to 65c. Business was done at these limits. The strength of the market was caused solely by the uncertainty of getting further shipments of root from Shanghai, China, in the nearby future.

Senega.—A limited amount of inquiry on domestic account was reported, and buyers found the market to be fully steady as quoted. Some talked of possible advances once export interest shall be revived.

Valerian.—This item was expected to make a fair crop in Belgium this year and the immediate prospect favored the presence of fairly good sized stocks available at reasonable prices.

Seeds

Anise.—Star seed was advanced to 15c. to 16c. per pound because of the fact that further shipments from China were subject to possible extension of the field of war operations between China and Japan. Spanish seed was quiet and unchanged.

Canary.—Prices eased fractionally. Morocco seed was down to the basis of 5.65c. to 5.90c. per pound, while Argentina material sank to 5½c. to 5¾c. as the result of light demand having eased the replacement market slightly.

Cardamom.—Green material was lower at 96c. to 99c. per pound, prevailing as to quality and sellers. Neither bleached nor decorticated material were changed.

Coriander.—The strong primary market continued to force higher prices on spot. Natural seed was priced higher at 9¾c. to 10c. per pound, while for the bleached variety, 10¾c. to 11c. was being asked.

Cumin.—More competition on spot led to shading of local quotations to the basis of 9¼c. to 9¾c. per pound for both Algerian and Morocco seed. Demand was light.

Mustard.—Quotations strengthened on practically all varieties, and those on spot items were advanced. Higher quotations were reported on California brown seed at 7¾c. to 8¼c. per pound; English yellow, 8¾c. to 9¼c.; Danish yellow, 8c. to 8½c.; Dutch yellow, 8c. to 8½c.; Roumanian yellow, 6c. to 6½c. Production was expected to be conservative in most countries.

Poppy.—Dutch seed rose to 8⅜c. to 8¾c. per pound, and the article from Poland fetched 7½c. to 8c. A somewhat more active demand was noted locally.

Spices

Cassia.—A change came in prices on Batavia No. 1, which item was offered at 16½c. to 16¾c. per pound, a fractional advance. Also, Saigon was higher at 16c. to 16¼c. The entire group had very firm undertones because of the stronger situation in primary market points.

Clove.—Markets of steady character prevailed throughout the world and with a fair, but not expansive call on the spot, quotations were said to have become somewhat firmer than they had been.

Ginger.—African root was advanced to 14½c. to 14¾c. per pound, thus changing the recently easier undertone and trend of the market. Jamaica root was fully firm in all respects, as also was Chinese material, the future sup-

(Continued on page 46)

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-ninety-first Instalment

Leather

Emulsifying Agents Used in Making and Finishing Leather

(Continued from August 23 issue)

Sulphonated castor oil
Sulphonated corn oil
Sulphonated fats
Sulphonated fatty acids
Sulphonated olive oil
Sulphonated fatty alcohols
Sulphonated oils
Sulphonated pine oil
Sulphonated polymerized terpenes
Sulphonated ricinoleic acid
Sulphoricinoleates
Sulphotextol
Sulphoturk
Sulphuric esters
Terpineol sulphonate
Tetradecene
Tetradecylguanidin hydrochloride
Tetrahydrobenzene
Tetramal
Triamylamines
Triethanolamine
Triethanolamine oleate
Trihydroxyethylamine
Trihydroxyethylamine linoleate
Trihydroxyethylamine stearate
Titanium-cobalt linoleate
Titanium-cobalt resinate
Titanium-cobalt stearate
Titanium-cobalt tungate
Thorium linoleate
Thorium resinate
Thorium stearate
Thorium tungate
Turkey red oil
Vegetable tannides
Water-soluble albuminous products
Wetting oil S.F
Zirconium linoleate
Zirconium resinate
Zirconium stearate
Zirconium tungate

Enamelling Agents for Leather

Lacquers
Rosin
Shellac

Fat Liquors for Leather

Acidolene
Alkali petroleum sludge
Alkali petroleum soap
Alkolene
Animal fats
Astrulan
Avirol
Baykolicker
Betanyl
Bralvasol
Castor oil, sulphonated
Chromol
Codlic
Cuponol WA
Ducol
Egg yolk
Elgon
Fatty oils
Fats
Fat liquor soap
Glyceryl trioleate
Kromlic
Lecithin
Lipon
Neatsfoot oil
Neetol
Petroleum soap
Petroleum sulphonic acids
Petroleum sulphonic acid mixtures
Petroleum sulphuric acids, neutralized
Phosphated oils
Raw oils
Soap neutral oil
Soda finished turkey red oil
Spindle oil
Stable emulsions from sulphonated train oil
Sterols
Sulpho-codlic
Sulphonated oils
Sulphonated train oil
Tanlic
Textols
Ursulin

Fillers for Artificial Leather

Catchemco
Clay
Fixtan
Fuller's earth
Gums
Kaolin
Kromoid
Rosin
Rye flour
Shellac
Silicates
Talc
Woodflour

Finishing Agents for Leather

Alcohol sulphates
Aresco
Brilliant avirol
Bursoline
Calafene
Cadmium lithopones
Casein salts with—
(1) Alkali-earth metals
(2) Carbonates of alkali-earth metals
(2) Fluorides of alkali-earth metals
(4) Hydroxides of alkali-earth metals
(5) Oxides of alkali-earth metals
Chromic salts with—
(1) Urea and aluminum sulphate and a wetting agent of the sulpho group
(2) Urea and magnesium sulphate and a wetting agent
(3) Urea and oxalic acid and a wetting agent
(4) Urea and paratoluenesulphonic acid and a wetting agent
Condensation products obtained by treating oils with sulphur-free condensing agents, such as antimony chloride and tin chloride
Epsol
Hydroplex
J.C.B.
Kromoline
Lethapol
Linseed oil polymerized by treating with antimony chloride, tin chloride, or other sulphur-free polymerizing agents
Meritol
Neutral alkali salts of aromatic sulphonic acids
Nitrocellulose with—
(1) Codliver oil and an organic acid
(2) Codliver oil and lactic acid
(3) Egg oil
(4) Lard oil
(5) Neatsfoot oil
(6) Olive oil
(7) Sperm oil
Oils condensed or polymerized by treating with sulphur-free agents
Polymerization products obtained by treating oils with sulphur-free polymerizing agents, such as antimony chloride and tin chloride
Resin solutions
Rhoflax
Rhonite
Rhoplex
Sodium naphthalene-2:6-disulphonate
Sorbitol
Sulphonated oils
Tergitol
Tosco
Treatment in aqueous bath containing metal salts (except alkali or alkali-earth salts) and alkali nitrite in medium allowing the liberation of nascent HNO_2
Urea-aldehyde condensation products in aqueous solution

Finishing and Graining Agents for Leather

Calafene
Tosco

Fireproofing Agents for Leather and Artificial Leather

Akaustan
Alkali aluminates
Aluminates
Aluminum acetate
Aluminum-sodium carbonate
Ammonium borate
Ammonium metazincate
Ammonium orthozincate
Ammonium phosphate
Ammonium sulphate
Ammonium zincate
Antimony chloride, basic
Antimony salts
Aroclor
Borates
Borax
Borax and alum
Boric acid
Calcium carbonate
Calcium chloride
Calcium hydroxide
Calcium phosphate
Calcium sulphate
Calcium tartrate
Chlorinated hydrocarbons
Gilsonite
Halowax
Lead silicate
Magnesium bicarbonate
Magnesium carbonate
Magnesium chloride
Magnesium phosphate
Magnesium sulphate
Mica
Phenol-aldehyde condensations
Potassium aluminate
Silica fiber
Sodium aluminate
Sodium borate
Sodium bicarbonate
Sodium carbonate
Sodium phosphate
Sodium silicate
Sodium stannate
Sodium sulphate
Sodium tungstate
Sodium xylychlorosulphonate
Stacol
Stannates
Stannic acid
Tin chloride
Tricresyl phosphate
Tungstates
Tungstic acid
Zinc carbonate
Zinc chloride
Zinc oxide
Zinc sulphate
Zirconium hydroxide
Zirconium phosphate

(To be continued)

Leak Detectants

Reagents Introduced in Gas Systems to Detect Leaks

Acrolein
Alkyl bromoacetates
Allyl alcohol
Amyl mercaptan
Aromatic oils
Bromoacetone
Butyl bromoacetate
Carbon tetrachloride
Chloropicrin
Diamyl sulphide
Ethyl bromoacetate
Ethyl mercaptan
Furoyl chloride
Isopropyl bromoacetate
Mercaptans
Methyl chloride and chloropicrin
Methyl nitrite
Tetrachloroethylene

Essential Oils, Aromatic Chemicals

Anise in Further Advance as Japan Blockades China Coast from Shanghai to a Point Near Hongkong—Ceylon and Java Citronella Higher—Cassia Firmer

In the absence of other developments of importance in the market for essential oils last week, interest and attention in local circles continued to be centered on the situation in China whence come anise and cassia oils. Anise oil was advanced further, and cassia was materially firmer.

At midweek, Japan established a naval blockade against Chinese vessels, the line of such blockade extending from north of Shanghai to a point close to, but not including the port of Hongkong—which is under British sovereignty. The official announcement of Japan was as follows: Japanese naval authorities have found it necessary to close the Chinese seacoast to the traffic of Chinese vessels from 32 degrees 4 minuits north latitude and 121 degrees 44 minuits east longitude, to 23 degrees 14 minuits north latitude and 116 degrees 43 minuits east longitude from six p.m. August 25, 1937. Peaceful commerce carried on by third parties will be fully respected by the Japanese navy, having no intention of interfering with it .

Thus does the band tighten on China, entailing possibilities that has aroused doubt and worry concerning peaceful business of other nations with China.

How long will Japan permit China to sell her "peaceful" merchandise to the world when such sales brings money than can be used for Chinese military purposes? How long will she also permit China to import at Hongkong the merchandise ordinarily used in peaceful pursuits but which can be used for military purposes? These were questions that arose when the threat to continued export of anise and cassia oils was emphasized last week by the establishment of the blockade. On Friday, news dispatches from Shanghai quoted a spokesman of the Third Japanese Fleet as declaring:—"Foreign shipping along the China coast may be halted by Japanese warships . . . We exercise the right of pre-emption toward foreign bottoms carrying a cargo that in time of war would constitute contraband."

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, 5c. per lb.
Citronella, Ceylon, 2c. per lb.
Java, 3c. per lb.

Reduced

None.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
83.4	83.3	82.4	76.4

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—A moderate trading interest was disclosed in this material and the undertone of the market was firm at all times. Competition was negligible for the reason that stocks were moderate and likely to remain conservative in size until such time as raw material shipments from Spain to France shall be resumed.

Amyris.—Only routine interest was disclosed in this material and its use was confined solely to technical purposes. Prices were firm. Stocks were small, many dealers offering nothing.

Anise.—The market held strong. Sellers were reserved and during the latter part of the period under review, they strengthened their views further when Japan announced a blockade against Chinese ships and extending from Shanghai almost to Hongkong—a situation fraught with adverse possibilities so far as the continuation of normal commercial shipments from South China ports. On Friday news from Shanghai reported a Japanese authority as saying that foreign bottoms may be halted by the Japanese navy. Prices were advanced to 85c. to 90c. per pound.

Capsicum (Oleoresin).—Business was routine, somewhat light in volume, but fairly steady as concerned small needs during the past week. Prices remained steady in the absence of competitive influences.

Cardamom.—The very firm position of raw material which has been priced at high levels for some time past was more than sufficient reason for the well maintained quotations on the oil. Business was about normal and without signs of expansion from its usually moderate volume in the local market.

Cassia.—It has been surprising to some that the war between China and Japan has not brought a rise in prices on this material, similar to that in anise which oil, like cassia, is shipped from Hongkong. Now that a blockade against Chinese ships, the line running from Shanghai to almost Hongkong has been instituted by the Japanese navy, some expect that the market will strengthen, because, eventually exports from Hongkong may stop. On Friday, news from Shanghai reported a Japanese authority as saying that foreign bottoms may be halted by the Japanese navy. Sellers were generally firm in their views and a tendency toward reserve seemed to be developing. Imports from January through May totaled 156,600 pounds.

Cedarleaf.—Not much trading was noted last week. All orders were of jobbing description and there were none too many of that sort. Prices remained firm in keeping with the fact that stocks here and in the country were conservative in size.

Cedarwood.—It has been a very fair season for this article but sellers have had little difficulty in meeting all requests and that fact has held the market steady throughout the Summer period.

Citronella.—Prices were advanced again, Ceylon oil was raised to 42c. to 44c. per pound in drums, and to 44c. to 46c. in cans. Java oil was also advanced to 50c. to 52c. per pound. This movement extended the rather steady increase in spot and primary market values during the past several weeks.

Clove.—Firm undertones ruled. Movement of stocks to consumers was in a volume in line with normal conditions and resulted in keeping the market generally steady and in well stabilized position. Contract withdrawals were reasonably satisfactory.

Eucalyptus.—Considerable strength was to be found in the market for this material. Sales made against oil for later arrivals have placed a substantial tonnage in a position where it will move direct from dock to manufacturing consumers. No surplus of oil seems likely this year, especially as the season of expanding needs is almost at hand.

Fennel.—The market was fully maintained in firm position and free from competitive influences. Demand was somewhat narrow, however, consisting mainly of the prompt requirements of a not large number of buyers.

Geranium.—Some cables on Bourbon oil have come in at lower limits without affecting the spot quotations which were considered to be already on the low side because of local competition. African oil lacked change in any market. Demand was fair but always routine.

Juniper Tar.—Slightly more competition has been noted in the market for this item and values showed a very slight tendency to move in favor of manufacturing consumers. However, reserves were not normal in size and it would require very little to bring a resurgence of real strength in the price situation.

Lavender.—The trade was still awaiting prices on new production in France and in the meantime quotations for goods to be delivered later were being held in abeyance. However, spot stocks were fully capable of meeting the immediate requirements on a basis of fairly attractive prices for oil of moderate ester content.

Lemon.—Consumption by the beverage trade continued to be very good. Highly seasonal conditions have been productive of a steady consumption of oil sold under contract. In addition, new orders have occupied a fairly prominent place throughout the period. Prices were steady to firm in all respects.

Lime.—Exports of oil from Jamaica

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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in the first quarter of 1937 totaled 32 imperial gallons, of which 26 gallons went to the United States. During the past week, consumption in the form of new business was moderate. Apparently, many buyers held stocks sufficient for their present needs. Quotations remained steady.

Nutmeg.—A steady but not especially active market prevailed on the spot. Small orders were the rule and there was no excessive number of such requests reaching the market last week. Quotations appeared to be steady, however, in view of well maintained cost of production.

Orange.—A steady market prevailed as to demand and prices alike. Consumption has been held to satisfactory levels by the exceptionally favorable weather conditions that have prevailed throughout the country to an extent that sale of beverages has made an excellent showing. During the first quarter of this year, Jamaica shipped 2,790 imperial gallons of oil, of which quantity 1,935 imperial gallons of oil, of which quantity 1,935 imperial gallons came to the United States.

Peppermint.—The market was quiet. Prices held steady in the country and on the spot and it seemed to be probable that the runaway market which some reports from the middlewest had virtually predicted would not come to pass. An estimate of the new crop, made by the Department of Agriculture, stated that the production would run close to 900,000 pounds. That figure would be a virtually normal output, although in the past the crop at one time exceeded 1,000,000 pounds.

Pimento.—Berry oil was stronger and upward in tendency as the production cost was upward in trend. Leaf oil was firm but lacking in special directive forces. Demand was moderate and entirely routine.

Spearmint.—A firm situation prevailed. The market appeared to be in healthy condition with the crop being apparently one which the consuming trade could absorb on the basis of prices generally well maintained and lacking in elements likely to create later weakness in values. Demand was moderate at the moment.

Thyme.—Unwavering strength governed the market position of this material for the reason that replacement of current supplies was uncertain and difficult. Foreign values were high, when quoted at all. Spot stocks were conservative in size and hence sellers were not only firm in their price views but they were also somewhat reserved in making unsolicited offerings.

Wormseed.—Values were firm on the spot, reflecting the absence of real weakness noteable in the primary market for a number of weeks. As yet, no authorative estimate on the size of the new crop has been received for public information from the primary market.

Wormwood.—No surplus of production was likely to result from distillation this year. The output was expected to be conservative and fairly high prices were forecast by some producers. The future trend of the market will depend almost solely on how much oil is bought by the largest manufacturing consumer.

Aromatic Chemicals

Amyl Phenylacetate.—Irregular demand was noted and buyers purchased in quantities close to their actual requirements. Pricewise, the market remained steady as a reflection of the cost of production.

Amyl Salicylate.—A well stabilized market prevailed for this material. Prices were very steady and conditions were not operating toward the end of an early change in that aspect of the market. Consumption was said to be about normal.

Anethol.—Underlying strength was added to the market by the further advance in the cost of raw material. Though as yet not definitely impossible of shipment from Hongkong, anise oil has strengthened and advanced in price while a blockade of the China coast from Shanghai to a point close to the southern shipment port was declared by Japan last midweek.

Anisic Aldehyde.—Because of the rise and strengthening of prices on raw material, this derivative gained in basic strength and values were fully maintained in a market lacking much in the way of real competition.

Benzaldehyde.—Moderately active interest was disclosed. Some gain in sales were reported but many of the orders called for quantities conservative in size. Distributors appeared to be well stocked with prompt delivery merchandise.

Benzyl Acetate. — A market of moderate activity was reported and for the most part the situation was one in line with normal movement into consumption at this time of the year. Prices remained generally steady.

(Continued on page 53)

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Petroleum Solvents, Lubricants, Fuels

Texas Reduction in September Allowable Steadies Refinery Markets —Industrial Products Still Quiet — Crude Flow Creates Another New High Record

The position of the petroleum market was steadier last week following the appearance of the Texas Railroad Commission's proration schedule for September which calls for a sharp reduction in output to a point within 28,000 barrels of the recommendation by the Bureau of Mines. The Bureau's forecast of Texas' share in crude needs for September is 1,413,600 barrels; the Railroad Commission's allowable is 1,441,734 barrels. Jobber interest in the gasoline market was broader in anticipation of the Labor Day holiday. On the other hand, consumption throughout the East was affected by the long period of rain and inclement weather. Stocks in storage continue to decline, according to the latest reports which embraced the week ended August 21.

Petroleum products used as industrial raw materials were fraught with the usual August dullness. Sellers were uniformly hopeful that Fall trade would get off to an early start and that the market for solvents, waxes, petrolatums and other commodities would have a much better complexion after Labor Day. There were no further changes in solvents prices since the tankcar price reduction at Bayonne and northern New Jersey points a week ago.

The excitement of a new oil gusher came back to Pennsylvania last week after long absence when drillers struck what was later thought to be a flush pocket in the Bradford sand. The first "big" well in Pennsylvania in fifteen years started flowing Bradford crude at 240 barrels an hour from a depth of 1,629 feet. After thirty-six hours of heavy flow, however, the well slowed down to a yield of only fifty barrels an hour.

The Bureau of Mines forecast of required crude oil production for September was 3,509,300 barrels daily, or 46,400 barrels higher than the August estimate and is 476,900 barrels or 16 percent higher than the actual daily production for September last year. Domestic demand for motor fuel should reach 48,700 barrels or 10 percent above the demand last September.

Daily average production of crude oil in the United States for the week ended August 21 was 3,729,350 barrels, an increase of 10,750 barrels over the preceding week's production of 3,672,750 barrels, according to the estimate of the American Petroleum Institute. The average for four weeks ended August 21 was 3,672,750 barrels and the average at this time a year ago was 3,069,600 barrels. Runs of crude oil to stills was reported to the A.P.I. by companies controlling 88.9 percent of the nation's refinery capacity, as having averaged 3,111,000 barrels daily for 85 percent of refinery operations, and, 304,000 barrels additional were estimated to have been sent to stills unreported. This total of 3,415,000 barrels for the week ended August 25 compared with the preceding week's crude runs of 3,340,000 barrels.

Solvents and Diluents

There were no further price developments in the tankcar and tankwagon markets for petroleum solvents and naphthas last week. The Midcontinent refinery market position was a firm one and tankcar prices in the East have not been disturbed since the reduction in petroleum thinners at Bayonne and in the northern New Jersey refinery area a week ago. Trade continued light but was expected to show a real improvement after the Labor Day holiday. The movement of rubber solvents into the Akron tire shops has slowed down considerably this month.

Cleaners' Naphthas. — The market held a steady position under light demands from the consuming trades. Prices continued at unchanged levels at the Midcontinent refinery market with quotations ranging from 7⅜c. to 7½c. per gallon in tankcars.

Lacquer Diluents. — Lacquer manufacturers' purchases were light but were expected to improve within a short time. The market held a steady position that has become almost characteristic of this group of naphtha cuts. Midcontinent refinery prices were 8⅜c. to 8½c. per gallon, f.o.b. Group 3.

Petroleum Thinners. — The Eastern market held unchanged since the bulk market reduction at Bayonne and northern New Jersey refinery points a week ago. Sellers now quoted 9½c. per gallon for tankcars in northern New Jersey. The tankwagon market was also without further disturbance since the reduction in Newark and metropolitan New York to 10½c. per gallon for 200 gallon quantities and 11c. per gallon for smaller lots.

Rubber Solvents. — The Akron tire makers have not been purchasing in large volume during the past month or so. While the tankcar deliveries into Akron may improve during September, some observers believed that tire production would be held within limits until a good portion of the heavy stocks in the hands of dealers are moved into consumption.

Stoddard Solvent. — There has been no change in the market for some time. The Midcontinent refinery position held at the long standing basis of 6⅞c. to 7⅛c. per gallon, for tankcar lots, f.o.b. Group 3.

V. M. & P. Naphthas.—The refinery markets held unchanged both in the Southwest and along the Eastern seaboard. As reported a week ago, some marketers lowered tankwagon prices in New York to 12c. per gallon. The New Jersey prices were not touched. Demands continued light but sellers expected a quick revival of interest from the paint trade right after the Labor Day holiday.

Markets at Other Centers

Chicago, Aug. 26.—The tone of petroleum diluents and solvents remained much the same in the last few weeks. Cleaners' naphtha has been moving to the trade fairly well. The paint trade has been taking a fairly good amount of material recently. Ruling prices in tankcar lots except as noted are (tankcar lots f.o.b. Group 3 Oklahoma): Blending naphtha, 5c. to 5⅛c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 17.1c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 15.8c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.6c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.1c., tankwagon.

Tulsa, Aug. 26.—Stoddard solvent continued at 6⅞c. to 7⅜c. per gallon, while cleaners and V. M. P. remained at 7⅜c. to 7⅞c. per gallon.

Lighter Fractions

Light solvent fractions in the group of petroleum hydrocarbon gases were free from elements of a disturbing nature during the past week. The characteristic steadiness of prices was still the market's foremost attainment. Industrial consumption continued in routine fashion.

Butanes.—The market was lacking in features worthy of special comment last week. Prices held at the long standing basis of 2¼c. to 3¾c. per gallon for tankcar lots, f.o.b. Group 3.

Heptanes.—The quoted position of this commodity has not been changed for months and the producers named 8½c. per gallon for tankcar lots of mixed material and 10½c. per gallon for similar quantities of normal material, both f.o.b. Group 3.

Pentanes.—The schedule quoted by the producers was based at 8½c. per gallon for tanks, 12½c. per gallon for drum cars and 16c. per gallon for l.c.l. quantities. The laboratory grade was 16c. per gallon in drum cars. These prices were f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—As reported in the past few weeks, technical oils from abroad have been strengthening. Otherwise the market has been without feature. The U.S.P. oils were slow movers at this time but the trade expects better things of the market next month. There has been no recent change in prices.

Paraffin Waxes.—Scale wax was a little more active last week insofar as export activity was concerned. Prices continued firm at 2.95c. to 3c. per pound for 122-124 A.m.p. wax and 3c. to 3.05c. per pound for 124-126 A.m.p. wax. Fully refined wax continued on an even keel at unchanged prices with export quotations continuing above those named to domestic accounts. Wax and candle trade through the port of Shanghai has been halted, according to leading exporters here.

CHICAGO, Aug. 26.—With demand for refined wax, continuing along fairly active lines, reports in the trade here were that stronger prices would not be surprising. Indications are that buyers are interested in perhaps slightly larger quantities of material. Ruling prices were: 122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Aug. 26.—The 124,126 grade of scale wax was quoted at 3⅛c. to 3¼c. per pound, the highest price of the year.

Petrolatum. — Export interest was livelier, particularly from Europe, Oriental interest dropped sharply, although it would seem that purchasing interest for unguents used in dressing war wounds would be high at this time. Trade through Shanghai has been stopped and what little interest appears from China has been coming out of Hong Kong. The domestic manufacturers of pharmaceutical specialties were not very active in the market. Prices continued quite firm.

Fuels and Lubricants

The bulk gasoline market continued steady here and jobber interest was high in anticipation of demands for the Labor Day holiday. However, consuming operations in the East were very light last week because of the long stretch of bad weather. Prices continued unchanged. Heavy oils were firm. There were reports of weakness in Pennsylvania bright stocks prices but there were no actual changes in quotations. Export movements of cylinder oils were good.

Market Conditions

Gasoline.—While the Eastern bulk market remained steady, consumption here was understood to have fallen off as a result of the long stretch of rains and generally inclement weather. On the other hand jobber bookings were reported as having been good as the trade prepared for heavy motoring over the coming Labor Day holiday. Prices at the refineries were unchanged with U. S. motor, below 65 octane, holding quite well at 7¾c. per gallon, basis refinery. Latest reports on the stock in storage all over the country showed another decrease with the total of 67,260,000 barrels August 21 against 69,087,000 barrels a week previous. U. S. motor gasoline for export was steady at 6⅛c. per gallon at the U. S. Gulf. Other Gulf export prices were:—6⅛c. per gallon for 60-62, 400 e.p.; 6¼c. per gallon for 60-62, 390 e.p.; and 6⅜c. per gallon for 64-66, 375 e.p.

Kerosene.—The market continued to drag in usual Summer style. There was no real weakness in the price situation and the refiners continued to quote the local bulk market at 6c. to 6⅛c. per gallon for 41-43 water white material at the refineries in tankcar lots. The Gulf export market quotations were 4⅜c. to 4⅞c. per gallon for prime white, a reduction of ⅜c. per gallon. Water white at the Gulf for export was unchanged at 5c. to 5⅛c. per gallon.

Fuel and Gas Oils.—While the heavy oil market was not overly active last week there were some strong points noted in the market. Domestic heating oil interest was a little stronger. Quotations for C grade bunker oil remained at $1.35 to $1.50 per barrel.

Lubricating Oils.—Prices for Pennsylvania oils were unchanged last week. Gossip in the bright stocks market would indicate the presence of some weakness in the price structure but the quotations named by the sellers were the same as those of a week ago. There was a heavy export movement of cylinder oils, particularly to the Far East. Most of this business is destined for Hong Kong. Neutrals were unfeatured during the week.

Markets at Other Centers

Tulsa, Aug. 26.—Stimulated by anticipation of large consumption over the Labor Day holidays less nervousness was apparent in the refined oil markets of the Midcontinent field. The volume of trading has been greatly in excess of a week ago and this has encouraged a better undertone to the entire structure. There is apparently less need for some of the smaller refiners pressing their inventories and current production on the market as buyers are coming in more freely.

The proposed reduction in the output of the Texas fields steadied the market here but the full effect of curtailment must await the fixing of the order for Oklahoma. There was some disappointment at midweek when Kansas' output was not curtailed to the level requested by buyers. The possibility of surplus oil coming to well heads was not favorably construed.

One bright spot in the trading in Oklahoma and Kansas has been the steadily expanding demand for natural gasolines. Refiners who inaugurated their Fall buying campaign two weeks ago are augmenting their orders and only the softness of the motor fuel market has prevented higher quotations in all grades. Manufacturers say orders this year are considerably ahead of those of last year.

The increase in demand and movement has practically spread to every product throughout the list. There has also been a noticeable gain in inquiries for tractor fuels and kerosene this week. Fall ploughing has materially augmented orders from many of the agricultural districts and a better tone in this product has also developed.

However, there is no important change in quotations of any product due to the greater demands. The tangible form of improvement is found in the lack of isolated offerings at concessions for quick movement.

It is indicated by many refiners that some curtailment in through put is expected during September.

Following is a list of quotations prevailing on the basis of Group 3 prices:

GASOLINE—There is no change in quoted prices. Third grade U. S. Motor, 4⅞c. to 5c. per gallon; 63-67 octane, 5⅜c. to 5½c. per gallon; and 68-70 octane, 5⅝c. to 5⅞c.

NATURAL GASOLINE.—In Oklahoma, 26-70 grade 4c. and in Texas 4½c.; 22-pound in Oklahoma 4⅜c. while in Texas 4⅝c.; 18-pound product 4¾c. Oklahoma and 4⅞c. Texas; 14 percent quotations are 5⅜c. to 5½c.

KEROSENE.—Quotations remain the same for the 41-43 grade which ranges at 4c. to 4½c. per gallon with the 42-44 grade continuing at 4ffic. to 4⅜c. per gallon.

DISTILLATES.—Number 1 prime white 38-40 degree gravity is 3¾c. to 3⅞c. per gallon, while 3½c. to 3¾c. is quoted for No. 2 straw. The range for gas oils 3½c. to 3½c. depending on the cold tests.

FUEL OILS.—Industrial fuels remain unchanged at 90c. to 95c. for the 24-28

Outputs and Quotas

A comparison of Bureau of Mines calculations for August production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended August 21 follows:—

	B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	633,400	633,400	653,600
Kansas	200,500	200,500	194,050
Texas 1,395,200	1,510,317	1,540,250
Louisiana ...	253,900	264,550	263,100
Arkansas ...	29,100	.....	35,750
Eastern	121,900	.....	124,750
Michigan ...	39,900	.....	45,500
Wyoming ...	52,800	.....	60,500
Montana	17,700	.....	17,550
Colorado	4,900	.....	5,350
New Mexico.	100,800	114,000	113,950
California ...	612,800	*612,800	675,000
Totals 3,462,900		.....	3,729,350

* Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline at the refinery points was steady and unchanged.

	Aug. 27	Aug. 20	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.399	$1.399	$1.286
Gasoline prices at refineries (at four refining centers) per gallon.....	.056875	.056875	.054375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Petroleum Production—Motor Fuel Stocks

	Barrels 1937 Jan. 1-Aug. 28	Barrels 1936 Jan. 1-Aug. 28
Commercial crude oil production	824,206,000	696,788,000
	Week ended Aug. 28, 1937	Week ended Aug. 29, 1936
Daily average production	3,714,500	3,062,000
	Week ended Aug. 21, 1937	Week ended Aug. 14, 1937
Estimated motor fuel stock total	67,260,000	69,087,000
Estimated finished motor fuel stock at refineries	36,153,000	37,544,000

grade of high cold test and the $1.07½ to $1.12½ per barrel for the low cold test. Residuals are still being quoted at 80c. to 85c. per barrel.

Chicago, Aug. 26.—Orders for gasoline, and the shipments following these orders are still holding at peak rates, with tone about steady in the tankcar dealings. Although there is still much irregularity in the tankwagon gasoline structure, the refinery market has been maintained fairly well for some time. Now jobbers are beginning the consider the question of their gasoline needs for the Labor Day holiday. Consumption has not yet slackened to any noticeable degree. Kerosene is reported doing a little better at this time. Likewise tractor fuels have been in fairly good tone. The trade is getting ready to pay more attention to furnace and fuel oils. Lubricants are now steady after recent easiness.

GASOLINE.—Low octane motor, 5c. to 5¼c. per gallon; middle octane motor, 5⅜c. to 5⅝c.; high octane motor, 6c. to 6¼c.; 60-62, 400, 5c. to 5¼c.; 64-66, 375, 5c. to 5¼c.; 58-70, 360, 5¼c. to 5½c.

KEROSENE.—42-44, water white, 4¼c. 4½c.; 41-43, water white, 4c. to 4¼c.

FURNACE OILS.—No. 1 prime white, 3⅞c. to 4c. per gallon; No. 1 straw, 3⅝c. to 3¾c.; No. 2 straw, 3½c. to 3⅝c.; No. 2 dark, 3¼c. to 3⅜c.; No. 3, 3⅛c. to 3¼c.; 32-36, dark, industrial gas oil, 3c. to 3⅛c.

FUEL OILS.—No. 4, $1.07½ to $1.12½ per barrel; No. 5, 85c. to 90c.; No. 6, 80c. to 85c.

New Orleans, Aug. 24.—Firmness was against the keynote of the domestic market during the past week, with no change in quoted prices. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 6½c. per gallon; U. S. motor below 62 octane, 6½c.; 63-67 octane 6⅞c.; and 68-70 octane at 7¼c.—and all at refinery.

Kerosene was 7⅜c. per gallon at refinery.

Good demand was experienced on Bunker C fuel oil at $1.05 per barrel at terminal and $1.10 per barrel delivered alongside. This grade was also in good demand on the part of industrial plants in this vicinity at a quoted price of $1.46 per barrel, delivered.

George Valentine Bates, of the Solvay Sales Corporation, this city, and Miss Dorothy M. Robertson, daughter of James M. Robinson, Syracuse, were married in St. Thomas's Episcopal Church, Syracuse, N. Y., August 14. Both the bride and groom are graduates of Syracuse University. Alfred W. Bates, of Rye, N. Y., was his brother's best man.

Oils, Fats and Waxes

Fats and Greases

(Continued from page 37)

contracts, a total of 900,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks High.	Low.	Close.
September	7.70	7.25	7.20@7.45
December	7.50	7.40	7.25@7.45

Markets at Other Centers

Chicago, Aug. 27.—Substantial dipping of prices in various competitive and related markets has had the effect of weakening the cash lard market materially. Prices have dropped below parity with a year ago, for the first time in a long period. Buyers are timid about extending themselves in placing business, and accordingly the market is inclined to be draggy. The shipping trade has been fair.

The range of lard quotations from the opening Saturday, August 21, to the close Friday, August 27, is shown in the following table:—

Per 100 pounds	Open.	High.	Low.	Close.	Previous Friday.
Cash	$10.60	$10.60	$10.45	$10.52	$10.50
Sept.	10.25	10.47	10.20	10.32	10.30
Dec.	10.40	10.65	10.37	10.40	10.47

TALLOWS (tierces).—Edible, 7⅞c. to 8c. per pound; prime, 7¾c. to 8c.; fancy, 7½c. to 7¾c.; special, 7⅛c. to 7¼c.; No. 1, 7c. to 7¼c.

GREASES (tierces).—Choice white, 8¼c. to 8½c. per pound; A white, 7⅝c. to 7¾c.; B white, 7¼c. to 7½c.; yellow, 10-16, 6¾c. to 7c.; yellow, 16-20, 6⅝c. to 6¾c.; brown, 6¼c. to 6½c.

STEARINS (tierces).—Prime oleo, 9c. to 9¼c. per pound; lard, packages, 13c. to 13¼c.; A white grease, 8c. to 8¼c.; yellow grease, 7¼c. to 7½c.; extra oleo stocks, 12¼c. to 12½c.; No. 2 stocks, 11¾c. to 12c.

Liverpool, Aug. 27.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	Sept. s. d.	Oct. s. d.	Nov. s. d.
Saturday	62 6	56 0	56 0	56 6
Monday	63 0	56 6	56 9	56 3
Tuesday	63 0	56 0	56 0	55 9
Wednesday	63 0	55 9	55 9	56 0
Thursday	62 0	55 0	55 0	54 6
Friday	62 0	55 6	55 9	55 3

Liverpool, Aug. 27.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	24 9	25 6
Monday	24 9	25 6
Tuesday	24 9	25 0
Wednesday	24 9	25 0
Thursday	24 6	24 3
Friday	24 6	24 3

Fatty Acids

Red Oil.—Business continued along conservative lines, buyers in many cases still being disinclined to provide to any material extent for future requirements. The tone was easy.

Stearic Acid.—With the trend of raw material still downward, the tone of the market for stearic acid was easy. There was little change in the character of business, consumers being disposed to adhere to a conservative course.

Markets at Other Centers

Chicago, Aug. 27.—Fatty acids have been under the influence of a highly unsetttled basic materials market here for some time. There is now more of a tendency to do business on an immediate basis, because of the uncertainties which some observers see in the general situation. Trade is of a modest nature in volume, with most buyers preferring to stay close to insistent needs, and not speculate on the future. Movement, however, remains fair in the aggregate. The special cottonseed items, of course, are easier. Red oils are holding their own. Stearic acids business has been fairly good.

FATTY ACIDS.—Corn oil, double distilled, 7¾c. to 8c. per pound, tankcar; 8¼c. to 8½c., barrels, car lots; 8¾c. to 9c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8¾c., tankcar, mostly nominal; 8¾c. to 9¼c., barrels, car lots; 9¼c. to 9¾c., barrels, less than car lots; cottonseed oil, double distilled, 7½c. to 8c. per pound, tankcar; 8c. to 8½c., barrels, car lots; 8½c. to 9c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3¾c.; boiled down soap stock, 65 percent basis, 4½c. to 4¾c.; cottonseed foots, 50 percent basis, 2c. to 2¼c.

STEARIC ACID.—Single press, distilled, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼c.

RED OILS.—Distilled or saponified, drums, 11⅜c. per pound; barrels, 11½c. to 12½c.

Waxes

Bees.—Steady to firm prices were the rule in local circles. The time when offerings of crude wax from the West Indies and South America will be resumed is not far distant, but at the present time there is little to suggest that values in the primary markets will be such as to lead to substantial reductions, if any, of the spot quotations on refined and bleached waxes.

Candelilla.—The item showed considerable strength, considering the not very active demand for prompt deliveries for the account of manufacturing consumers. Values were well maintained and sellers stood by while awaiting the broadening of demand, which is expected to develop among consumers in the not far distant future.

Carnauba.—Chalky wax was higher again last week, the minimum seller gradually raising limits to a position more in line with the general view of values as expressed by the majority of importers. The new quotations were 38¾c. to 39¼c. per pound in ton lots; 5 bag lots, 39¼c. to 39¾c.; 1 bag lots, 39¾c. to 40¼c. Quotations on other varieties of this material lacked change. The market was considered to be very firm on spot, reflecting a similar position in the primary market. Demand still lagged here.

Japan.—Cables from Japan raised shipment quotations ¾c. per pound and offered nothing for export earlier than October-November. Even that price carried the qualifications "shipment if, and when." Spot prices were advanced to 10¾c. to 11c. per pound and several selers named 11c. as their minimum quotation.

Botanical Drugs

Spices

(Continued from page 42)

ply of which has been jeopardized by war between China and Japan.

Paprika.—Fair-sized demand was reported locally, comparing favorably with the movement normally current at this season of the year. Stocks of fair size were available in local circles, and it did not appear to be difficult to get goods in the primary markets.

Pepper.—Black, white, and red peppers remained steady. The white material was not advanced further, but the undertone was firm on spot in consequence of the situation in the primary market. Black peppers moved in fair quantities to grinders, though their purchases of shipment positions was none too large nor active. Spot quotations lacked quotable change.

Trading in black pepper futures on the New York Produce Exchange from August 21 to August 27, inclusive, comprised 87 contracts, a total of 2,923,200 pounds. Following is a price record for the week:—

	Cents per pound High.	Low.	Close.
January	6.90	6.80	6.72@6.82
March	7.00	6.92	6.82@6.90
May	7.15	6.95	6.91@6.99
July	7.21	6.92	7.05 sale
September	6.80	6.45	6.50@6.75
December	6.85	6.75	6.70@6.75

Turkey Changes Duties

WASHINGTON, Aug. 18, 1937.

Changes in Turkish import duties, effective July 15, affect a long list of articles imported from the United States. Some rates were advanced; others were reduced. The new rates and old rates on certain articles compare as follows:—

	Turkish pounds per 100 kilos. New rate.	Old rate.
Arsenic, red, white, yellow	5	15.00
Benzoin, tolu, Canada balsam, Peru balsam, Mecca balsam	100	135.00
Celluloid, casein, gelatin, starch, plastics with base of phenol, urea, phthalic acid, etc., raw, in ingots, sheets, tubes, including colored	10	40.00
Copper sulphate, pure	2	12.75
impure	1	5.25
Eau de cologne, lotions, including hair preparations	2,500	720.00
Gasoline	6	13.50
(The consumption tax on gasoline was reduced from 4.15 Turkish pounds to 2.50 Turkish pounds per kilo)		
Kerosene	6	12.50
Mineral paints, with varnish, in packages weighing 5 kilos or more (most favored nation rate)	8	16.00
Perfumes	3,000	1,000.00
Rice oil	4	7.50
Rouge and lipstick	3,000	300.00
Sulphur, sticks, powder, flowers, and other forms	4	Free
Toilet powders, cosmetics, brilliantines, nail polish, creams	2,000	650.00
Vanilla	200	390.00

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LUG TYPE
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Fertilizer Materials

Superphosphate Prices Advanced 50c Per Ton at Baltimore and Carteret—Re-Sale Fish Scrap Prices Fall—Organics Continue To Sag as Trade Eyes Cottonseed Meal

An increase in superphosphate prices marked an otherwise dull week in the agricultural chemicals market. The superphosphate price increase took place in Baltimore and Northern producing points following weeks of short supply wherein the trade had been forced to buy in Europe to meet the demands which have been broadly augmented over the past several months by the Government's pasture crop and soil improvement program. This is the second mark-up in wholesale super prices this season; the first increase took place when contracts for this year were first offered.

Sulphate of ammonia buyers have only today and tomorrow to book and order deliveries under the price advantages of the long term contracts.

Interest of the Southern manufacturers was manifested in the Administration's disposition on pegging the price of cotton. The trade feels that whatever price is fixed will represent the market's summit as the growers cannot hold their cotton for a higher future market.

Organic ammoniates continued to sag and were getting very little attention from the buyers. Resale prices for unground menhaden scrap tumbled to the level at which the market opened for the season. Although nobody is buying it yet, cottonseed meal is the focal point for the interest of the organic buyers. Already down to $21 per ton at Memphis, cotton meal is expected to go lower and is the South's ace for a low-cost source of organic ammonia this season.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Superphosphate, 50c. per ton.

Reduced

Blood, dom., Chicago, 10c. per unit.
import, 20c. per unit.
Bone, dom., 1¼ & 60, Chicago, $1 per ton.
4½ & 50, Atl. ports, $1 per ton.
import, 3 & 50, 50c. per ton.
Fish scrap, menhaden, Chesapeake, unground, resale, 25c. per unit-ton.
ground, Baltimore, $1 per ton.
sardine meal, Japanese, $1 per ton.
Tankage, dom., Chicago, all grades; 25c. per unit-ton.
New York, ungr., 5c. per unit-ton.
import, 10c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week	Prev. week.	Last month.	Last year.
66.7	66.4	66.0	62.9

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The trade appeared to be fairly well booked up now and the market returned to a more or less routine basis. The price situation was steady at the levels that became effective August 2. According to the Department of Commerce information, world sales of Chilean nitrate for the season ended June, 1937, were 1,570,956 metric tons, a gain of 16.7 percent over the preceding season's sales of 1,346,000 tons. Production during the season was 1,310,176 metric tons, a gain of 7.6 percent over the 1,218,977 tons produced in the preceding season. Stocks on hand at the end of the season were off 17.2 percent, totaling 1,255,300 tons against 1,516,100 tons. Stocks in Chile were reduced from 1,035,700 tons to 843,600 tons while stocks abroad were lowered from 480,400 tons to 411,700 tons. Sales of Chilean nitrate in United States were 630,000 tons during the 1936-1937, according to an unofficial statement attributed to a Chilean Government official. This was 95,000 tons over the estimated sales for the preceding season.

Sulphate of Ammonia.—The market appeared firmer and there was no further evidence of re-selling at delivered prices that might figure out cheaper than those of the first-hand sellers. Buyers who place contracts and order deliveries today and tomorrow can do so under the advantages of the 11-13 months contracts. On the first of September the 6-10 months' contract prices will be the best available in the market.

Dried Blood.—Although the New York prices continued at the basis of the latest sale, $3.50 per unit, quotations declined in Chicago and the imported article sold cheaper also. The Chicago market was quoted at $3.15 per unit, a decline of 10c. per unit from a week ago. Imported material sold at $3.40 per unit, c.i.f. for September-October shipment and additional lots were available at that figure. This was a decline of 20c. from the figure that had been nominally representative of the market for the past several weeks. According to the Department of Commerce, Argentina sent 4,821 metric tons of blood here during the first half of the year against 2,445 tons in the same period last year.

Fish Scrap.—Producers of unground menhaden scrap continued to post the market nominally at $4 and 10c. per unit-ton, but 400 tons of second-hand material sold Tuesday at $3.50 and 10c. per unit-ton, basis factory. This price at re-sale was 25c. cheaper than the re-sale quotation a week ago. Most of the re-sale material on the market was being offered by Norfolk buyers. Menhaden meal in Baltimore moved down $1 per ton to $56, f.o.b. Baltimore. Japanese sardine meal was offering cheaper with $48 per ton named for shipment from the Orient and $47.50 per ton quoted for spot stuff.

Nitrogenous Material.—There was not much life in the market these days. Imported material has been offering at $3.15 to $3.20 per unit for shipment, c.i.f. ports. The domestic product has been idling in the company of other organic ammoniates.

Tankage. — Prices continued downward last week. Unground was offered in New York at an unchanged quotation of $3.25 and 10c. per unit-ton but ground declined 5c. to the basis of $3.40 and 10c. per unit-ton. In Chicago both the feed and fertilizer grades were reduced 25c. to the basis of $3 and 10c. per unit-ton. South American was not offered freely and was nominal around $3.60 and 10c. per unit-ton, a reduction of 10c. Even at $3.60 and 10c., the market appeared high in the face of South American blood sales at $3.40 per unit.

Potashes

The market for agricultural potashes continued in the doldrums last week. Of course, regular shipments were being made against contracts booked at the maximum discount arrangement. However, there has been no new business since the 12 percent discount offering expired. Furthermore, very little was expected under the 5 percent discount offering which is available to buyers for orders placed with specifications up to and including September 30, for delivery in approximately equal monthly quantities from October 1 to January 31.

The Interstate Commerce Commission has granted authority for establishment of lower rates on potash and related products, carloads, from Carlsbad and Loving, N. M., to points in Southern territory and maintenance of higher rates to intermediate destinations. The new rates are granted to enable producers of fertilizer potash at Carlsbad and Loving to compete with similar products imported from Europe through Atlantic seaboard ports.

Phosphates

Superphosphate manufacturers in Baltimore and Carteret advanced quotations last week. The scarcity of acid and the attendant shortage of super forced the rise. Since the Federal sponsorship of the pasture crop and soil improvement program, superphosphate consumption has risen sharply and manufacturers in Baltimore and northward markets have been forced to seek outside help to meet the demand. Shipments of super for the first half of this year totaled 2,009,266 tons against 870,835 tons and 267,111 tons.

Bone Materials.—Some prices weakened last week. Imported 3 and 50 meal in 100-pound bags was 50c per ton cheaper last week at $26 per ton. Argentine shipments of bones to United States totaled 15,047 metric tons in the first half of this year against 18,834 tons in the same period last year.

Superphosphate.—Prices were raised 50c. per ton at Baltimore and Carteret last week. Quotations were now $8.50 per ton for run of pile basis 16 percent, and $9 per ton for guaranteed 16 percent material. These quotations were f.o.b. cars or boat, in bulk. June production of bulk material, according to the Department of Commerce, was 291,273 tons against 340,532 tons in May and 225,485 tons in June last year; shipments were 160,979 tons against 326,375 tons in May and 146,059 tons in June last year. These tonnages and those aforementioned are expressed in equivalent short tons of 16 percent a.p.a.

Sulphur and Pyrites

The sulphur producers reported a little better than routine business through domestic channels of consumption. Export business was also understood to have been good. As reported previously, there is a good movement of sulphur through marine waterways that are closed to traffic during the Winter months. Prices continued unchanged.

Markets at Other Centers

Atlanta, Aug. 25.—Very little interest was manifested in the fertilizer material market in the South. Mineral ammoniates have been the only items in which there have been trade commitments and these are about over for the time being. Preparations for Fall fertilizer consumption is in progress but Fall trade is a small item in the cotton belt.

What the federal government is going to do about stabilizing cotton, whether at 9c. or 10c. per pound, is uppermost in the thought of the fertilizer trade. At whatever price it is fixed, it is the impression that it will mean the top price that most growers will receive since most growers cannot hold their cotton for better prices.

Georgia and Florida tobacco markets have closed, the growers having received better than usual prices. No buying interest in organic ammoniates exists, the belief being that cottonseed meal which is not receiving government aid is the best bet for organic ammoniates for the coming season.

Quotations of this market were as follows:—

SUPERPHOSPHATE.—$9.60 per ton, interior producing points.

NITRATE OF SODA.—$27 ton, f.o.b. ports.

SULPHATE OF AMMONIA.—$28.50, bulk, port basis.

COTTONSEED MEAL.—7 percent grade, $21 per ton, Memphis.

NITROGENOUS.—Imported, $3.15 to $3.20 per unit, port basis.

BLOOD.—Foreign, $3.60 per unit, port basis; $3.25 to $3.30, Chicago.

TANKAGE.—$3.50 and 10c. per unit, Chicago; $3.70 and 10c., foreign, port basis.

BONE.—Imported raw bone meal, 4½ and 50, at $32 per ton, port basis.

Baltimore, Aug. 26.—With four days of rain added to the other impediments faced by the manufacturers of fertilizers, the last week proved even more quiet than for some time past. Makers of mixtures, of course, are looking forward to the open-

(Continued on page 53)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, COTTONSEED OIL—65 bbls, American Importer, Manchester
CRESYLIC—48 dms, Crowley Tar Prod Co, American Importer, Manchester
22 dms, American Cyanamid & Chem Co, American Importer, Liverpool
100 dms, White Tar Co, American Importer, Liverpool
187 dms, New York Trust Co, Unicol, Sydney
25 dms, Moncanto Chem Co, Laconia, Liverpool
NAPHTHENIC—6 dms, Shell Union, Agwistar, Tampico
STEARIC—2 bgs, Yardley & Co, American Farmer, London
75 bgs, Binney & Smith Co, Maasdam, Rotterdam
ADEPS LANAE—98 bbls, C Tennant Sons & Co, American Importer, Liverpool
AGAR AGAR—10 bls, Wood & Selick, Ronda, Kobe
ALBUMEN, EGG HEN—11 cs, Bridges, Neumer & Co, President Cleveland, Kobe
112 cs, American Cyanamid & Chem Co, President Cleveland, Kobe
56 cs, American Cyanamid & Chem Co, Wales, Shanghai
ALCOHOL, COMPOUND—76 conts, Givaudan-Delawanna, Manuela, San Juan
ALOE—300 bgs, Norwich Pharm Co, Caracas, Aruba
ALUM POTASH CHROME—77 cks, 59,785 lbs, Washington, Hamburg
ALUMINUM LEAF—103 cs, Globe Shipping Co, Hamburg, Hamburg
111 cs, Rohner, Gehrig & Co, Hamburg, Hamburg
PASTE—2 cs, Aluminum Union, Ltd, American Farmer, London
POWDER—5 dms, 15 cs, Hamburg, Hamburg
AMMONIA PERCHLORATE—100 kgs, International Selling Corp, Pipestone County, Havre
SULPHATE—300 bgs, Bradley & Baker, Rotterdam, Rotterdam
500 bgs, Bradley & Baker, Maasdam, Rotterdam
SULPHOCYANIDE—15 kgs, American Cyanamid & Chem Co, Laconia, Liverpool
ANNATTO SEED—202 bgs, President Monroe, Vizagapatan
ANTIMONY REGULUS—500 cs, Harshaw Chem Co, Wales, Shanghai
SULPHIDE—2 cks, American Farmer, London
ARSENIC—95 bbls, American Smelting & Refining Co, Agwistar, Tampico
WHITE—200 cs, H H Rosenthal Co, Arimasan, Kobe
ARTIST'S MATERIAL—4 cs, Winsor & Newton, American Farmer, London
4 cs, Gallagher & Ascher, Maasdam, Rotterdam
ASBESTOS—800 bgs, Asbestos, Ltd, Exchange, Limassol
ASPHALT—340 bgs, A V Berner & Co, Oriente, Havana
340 bgs, A V Berner & Co, Orizaba, Havana
BABASSU KERNELS — 3,833 bgs, General Foods Corp, Cape Sable, Parnahyba
BARYTES — 100 bgs, 11,000 lbs, Hamburg, Hamburg
BERRIES, MEDICINAL—2 bgs, S B Penick & Co, Drottningholm, Gothenburg
BLEACHING POWDER—1 cs, N Kapilow Co, Hamburg, Hamburg
BRISTLES—55 cs, National City Bank, American Farmer, London
1 cs, M Broverman & Son, American Farmer, London
1 ck, 72 cs, American Farmer, London
5 cs, Tradesmen National Bank, President Cleveland, Hongkong
50 cs, H Rosenhirsch Co, President Cleveland, Shanghai
20 cs, Chesnut Cooper & Co, President Cleveland, Shanghai
6 cs, F H Cone & Co, President Cleveland, Kobe
100 cs, F W Von Stade, President Cleveland, Kobe
30 cs, F H Cone & Co, President Cleveland, Shanghai
50 cs, Chesnut Cooper & Co, President Cleveland, Shanghai
50 cs, Chesnut Cooper & Co, Wales, Shanghai
20 cs, S Hirschenhorn & Son, Wales, Shanghai
1 cs, H Rosenhirsch Co, Wales, Kobe
5 cs, F H Cone & Co, Wales, Kobe
4 cs, F W Von Stade, Wales, Kobe
50 cs, N Wagman & Co, Wales, Shanghai
46 cs, F H Cone & Co, Wales, Shanghai
13 cs, F H Cone & Co, Arimasan, Kobe
BRONZE POWDER—22 dms, Phoenix Shipping Co, Hamburg, Hamburg
11 cs, Hamburg, Hamburg
12 cs, G W Sheldon & Co, Hamburg, Hamburg
CADMIUM—36 cs, Metal Traders, Inc, Stavangerfjord, Bergen
44 cs, 4,952 lbs, Hamburg, Hamburg
35 cs, Metals Trading, Inc, Koenigstein, Antwerp
CAMPHOR—75 cs, F W Woolworth Co, Wales, Kobe
REFINED—125 cs, Mitsui & Co, Arimasan, Kobe
CANAIGRE ROOT—43 bgs, Orizaba, Vera Cruz
CANARY SEED—500 bgs, 110,000 lbs, A G Dunn, Excello, Casablanca
CARAWAY SEED—200 bgs, 22,000 lbs, C M Van Sillevoldt, Rotterdam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Rotterdam, Rotterdam
100 bgs, 11,000 lbs, Catz American Co, Haukefjell, Rotterdam
100 bgs, 11,000 lbs, L O Gronowitz, Haukefjell, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Haukefjell, Rotterdam
200 bgs, 22,000 lbs, M Witsenburg, Haukefjell, Rotterdam
50 bgs, 5,500 lbs, C M Van Sillevoldt, Maasdam, Rotterdam
300 bgs, 33,000 lbs, Maasdam, Rotterdam
CAROB—100 cs, Livenza, Bari
CASSIA—100 bls, Javanese Prince, Hongkong
1 cs, Van Norden & Archibald, President Cleveland, Hongkong
276 bls, Bintang, Sabang
VERA—257 bls, Bintang, Sabang
CASTOR BEANS—1,996 bgs, Northern Prince, Buenos Aires
3,340 bgs, Spencer, Kellogg & Sons, Cape Sable, Bahia
6,780 bgs, Baker Castor Oil Co, Cape Sable, Bahia
CASTOR BEANS—3,394 bgs, Cape Sable, Bahia
1,855 bgs, Baker Castor Oil Co, Parnahyba, Santos
5,204 bgs, Parnahyba, Santos
4,762 bgs, Parnahyba, Rio de Janeiro
3,400 bgs, National City Bank, Parnahyba, Bahia
850 bgs, Spencer Kellogg & Sons, Parnahyba, Bahia
5,985 bgs, Parnahyba, Bahia
CELERY SEED—90 bgs, City of Christchurch, Colombo
100 bgs, President Monroe, Bombay
CHALK, BLOCK — 525,000 kilos, Taintor Trading Co, Pipestone County, Dunkirk
PRECIPITATED—150 cks, 10 bbls, 25 tons, 12 cwt, 8 lbs, H J Baker & Bros, Laconia, Liverpool
CHAMOIS SKINS—3 cs, Chase National Bank, Washington, Hamburg
CHAMOMILE FLOWERS—10 cs, J L Hopkins & Co, Hamburg, Hamburg
90 cs, E E Marks & Co, Saturnia, Trieste
CHEMICALS — 45 bbls, 13,241 lbs, Lo Curto & Funk, Pilsudski, Gdynia
41 cks, Advance Solvents & Chem Co, Stavangerfjord, Menstad
1,016 bgs, Advance Solvents & Chem Co, Hamburg, Hamburg
11 cs, Sherka Chem Co, Hamburg, Hamburg
19 bbls, National City Bank, Hamburg, Hamburg
20 cks, B L Lemke, Hamburg, Hamburg
8 cs, Hummel Chem Co, Hamburg, Hamburg
40 cs, 63 cks, Hamburg, Hamburg
20 cks, 11,880 lbs, Robinson-Wagner Co, Hamburg, Hamburg
10 cks, 1,053 bgs, 15 dms, Hamburg, Hamburg
3 cks, 2 cs, Elmer & Amend, Hamburg, Hamburg
7 dms, Schimmel & Co, Hamburg, Hamburg
20 dms, Advance Solvents & Chem Co, Black Hawk, Rotterdam
10 cks, Cuno Sievers, Black Hawk, Rotterdam
250 cs, Guaranty Trust Co, Paris, Havre
3 cs, Hoffmann-La Roche Co, Black Hawk, Havre
50 cks, American Cyanamid & Chem Co, Rotterdam, Rotterdam
7 cks, F A Kertess, Rotterdam, Rotterdam
7 cks, Robinson-Wagner Co, Rotterdam, Rotterdam
3 cs, 2 cks, Rotterdam, Rotterdam
1 cs, A Maschmeyer, Rotterdam, Rotterdam
200 cks, Rotterdam, Rotterdam
40 cks, African Metals Corp, Mercier, Antwerp
2 cs, 1 bg, M W Kellogg Co, American Farmer, London
10 cks, Richard Shipping Co, American Farmer, London
15 cks, American Farmer, London
11 pkgs, Ciba Co, Ile de France, Havre
7 cks, Morris Export Co, Ile de France, Havre
3 cs, 1 ck, Lo Curto & Funk, Ile de France, Havre
17 cs, G J Wallau, Ile de France, Havre
3 bbls, 80 cs, 10 dms, Bergstrom Trading Co, Drottningholm, Gothenburg
15 cks, Advance Solvents & Chem Co, Koenigstein, Antwerp
10 pkgs, Europa, Bremen
1 dm, Hummel Chem Co, Europa, Bremen
4 cks, Robinson-Wagner Co, Maasdam, Rotterdam
11 dms, Advance Solvents & Chem Co, Maasdam, Rotterdam
2 cs, F A Kertess, Maasdam, Rotterdam
16 dms, 7 cs, Michel Export Co, Maasdam, Rotterdam
50 cks, 10 cs, Maasdam, Rotterdam
22 cks, American Cyanamid & Chem Co, Maasdam, Rotterdam
4 crbys, R W Greeffe & Co, Maasdam, Rotterdam
PHOTO—1 cs, J J Murphy & Co, American Farmer, London
CHINA CLAY — 15 bbls, E Fougera & Co, American Farmer, London
25 cks, 2 tons, 18 cwt, 3 qtrs, English China Clay Sales Corp, Laconia, Liverpool
CHROME ALUM—16 cks, 11,972 lbs, National Carloading Co, Washington, Hamburg
CINCHONA PRODUCTS—6 cs, R W Greeff & Co, Rotterdam, Rotterdam
27 cs, R W Greeff & Co, Maasdam, Rotterdam
CLAY—150 bgs, 33,000 lbs, L A Salomon & Bros, Washington, Hamburg
250 bgs, Reichard-Coulston, Hamburg, Hamburg
100 bgs, Chemical Bank Trust Co, Toronto City, Bristol
42 bgs, American Express Co, American Farmer, London
300 bgs, 241 cks, Milton Greenbaum, Maasdam, Rotterdam
COALTAR DERIVATIVES—37 dms, General Aniline Works, Black Hawk, Rotterdam
7 cks, General Aniline Works, Rotterdam, Rotterdam
27 cks, 39 dms, General Aniline Works, Maasdam, Rotterdam
INTERMEDIATES—4 cks, 1 cs, General Dyestuff Corp, Hamburg, Hamburg
60 dms, General Aniline Works, Black Hawk, Rotterdam
30 cks, 6 dms; General Aniline Works, Rotterdam, Rotterdam
37 cks, 3 jugs, General Dyestuff Corp, Rotterdam, Rotterdam
22 cks, 3 dms, General Aniline Works, Maasdam, Rotterdam
17 dms, General Dyestuff Corp, Maasdam, Rotterdam
PRODUCTS—20 cs, Allondon S A, Hamburg, Hamburg
COBALT METAL—40 kegs, Central Trading Corp, Svaneholm, Vupuri
COCOA BEANS—1,450 bgs, Northern Prince, Port Spain
500 bgs, Fruit Dispatch Co, Peten, Havana
1,247 bgs, Curacao Trading Co, Van Rensselaer, La Guaira
253 bgs, W & A Leaman, Colombia, Port de Paix
50 bgs, Curacao Trading Co, Colombia, Cape Haitien
129 bgs, Lopez & Mangual, Caracas, Curacao
200 bgs, Machado & Co, Caracas, La Guaira
75 bgs, W R Grace & Co, Santa Barbara, Salaverry
100 bgs, Santa Barbara, Salaverry
350 bgs, Machcado & Co, San Jacinto, Puerto Plata
8,570 bgs, Cape Sable, Bahia
550 bgs, Parnahyba, Rio de Janeiro
COCOA BEANS—119 bgs, Bank of London-South America, Parnahyba, Victoria
750 bgs, Parnahyba, Victoria
6,000 bgs, Rockwood & Co, Parnahyba, Bahia
1,750 bgs, Guaranty Trust Co, Parnahyba, Bahia
1,500 bgs, W R Grace & Co, Parnahyba, Bahia
8,500 bgs, Nieschlag & Co, Parnahyba, Bahia
15,335 bgs, Parnahyba, Bahia
268 bgs, Ulua, Cristobal
250 bgs, Nieschlag & Co, Pan American, Port Spain
COCOA BEAN RESIDUE — 384 bgs, Hollinghurst & Co, Maasdam, Rotterdam
COCONUTS—400 bgs, 40,000 lbs, Standard Fruit & S S Co, Amgeala, La Ceiba
367 bgs, 36,700 lbs, Universal Import & Export Co, Colombia, Kingston
2,366 bgs, 236,600 lbs, General Foods Corp, Colombia, Kingston
200 bgs, 20,000 lbs, G Cole & Co, Colombia, Kingston
27 bgs, 2,700 lbs, Jos Di Cristina, Coamo, San Juan
43 bgs, 4,300 lbs, Simons & French, Coamo, San Juan
1,250 bgs, 12,500 lbs, I L Toledano Corp, Guayaquil, Cristobal
250 bgs, 25,000 lbs, Far Eastern Manufacturing Co, Manuela, Mayaguez
48 bgs, 4,800 lbs, J Simon, Manuela, Mayaguez
75 bgs, 7,500 lbs, F Trucco, Manuela, Mayaguez
51 bgs, 5,100 lbs, Universal Import & Export Co, Manuela, Mayaguez
307 bgs, 30,700 lbs, General Foods Corp, Manuela, Mayaguez
111 bgs, 11,100 lbs, I L Toledano Corp, Manuela, Mayaguez
32 bgs, 3,200 lbs, J Simon, Manuela, San Juan
25 bgs, 2,500 lbs, Universal Import & Export Co, Manuela, San Juan
266 bgs, 26,600 lbs, General Foods Corp, Manuela, San Juan
94 bgs, 9,400 lbs, I L Toledano Corp, Manuela, San Juan
100 bgs, 10,000 lbs, Coelbo Bros, Manuela, San Juan
50 bgs, 5,000 lbs, Manuela, San Juan
800 bgs, 80,000 lbs, General Foods Corp, Ulua, Cristobal
COCONUT, DESIC—50 cs, City of Christchurch, Colombo
600 cs, General Foods Corp, Fernwood, Manila
1,375 cs, General Foods Corp, President Cleveland, Manila
918 cs, Durkee Famous Foods, President Cleveland, Manila
1,800 cs, Wood & Selick, President Cleveland, Manila
400 cs, President Monroe, Colombo
COLOCYNTH—71 bls, City of Christchurch, Port Sudan
COLOMBO ROOT—20 bgs, J L Hopkins & Co, Hamburg, Hamburg
COLORS—1 cs, B F Drakenfeld & Co, Laconia, Liverpool
4 pkgs, Lowenstein & Son, Ile de France, Havre
8 pkgs, Fulton Dye & Import Co, Ile de France, Havre
CADMIUM—6 dms, Charles Happel, Hamburg, Hamburg
DRY—8 bbls, 40 cks, C J Osborn & Co, Rotterdam, Rotterdam
4 cks, American Farmer, London
MINERAL—1 cs, American Express Co, Hamburg, Hamburg
PIGMENT—2 jugs, 1 cs, 1 ck, General Dyestuff Corp, Maasdam, Rotterdam
COPAIBA BALSAM—10 cs, Geo Lueders & Co, Peten, Cristobal
3 cs, H E Babson, Santa Rosa, La Libertad
10 cs, Fritzsche Bros, Santa Rosa, La Libertad
CORIANDER SEED—250 bgs, 22,000 lbs, Export Agency, Excello, Casablanca
300 bgs, 33,660 lbs, Excello, Casablanca
200 bgs, 22,352 lbs, S Head, Excello, Casablanca
202 bgs, 22,220 lbs, Knickerbocker Mills Co, Excello, Casablanca
102 bgs, 11,220 lbs, S B Penick & Co, Excello, Casablanca
202 bgs, 22,220 lbs, Carl Gerdan, Excello, Casablanca
402 bgs, 44,220 lbs, I Harrison & Whitney, Excello, Casablanca
200 bgs, 22,000 lbs, O Gerdan Co, Excello, Casablanca
CORK, VIRGIN—34 bls, L Mundet & Sons, Exchange, Lisbon
265 bls, Excello, Bona
672 bls, Excello, Djidjelli
WASTE—540 bls, L Mundet & Sons, Exchange, Lisbon
422 bls, Excello, Genoa
1,950 bls, Excello, Bona
2,224 bls, Excello, Djidjelli
WOOD—25 bls, Exchange, Lisbon
551 bls, L Mundet & Sons, Exchange, Lisbon
123 bls, L Mundet & Sons, Excello, Djidjelli
357 bls, Excello, Djidjelli
CUBEBS—20 bgs, President Monroe, Singapore
CUMIN SEED—200 bgs, Chemical Bank Trust Co, Exchange, Limassol
CURICURY KERNELS—2,000 bgs, General Foods Corp, Parnahyba, Bahia
CUTCH—1,500 bgs, S Saxe, Eurylochus, Singapore
CUTTLEFISH BONES—101 cs, President Monroe, Marseilles
DERRISROOT—15 bls, Dodwell & Co, President Monroe, Manila
DIBUTYLAMIN—3 dms, Advance Solvents & Chem Co, Koenigstein, Antwerp
DYES—2 cks, 1 cs, Ozalid Co, Rotterdam, Rotterdam
ALIZARIN—8 dms, 9 jugs, 19 cks, General Dyestuff Corp, Rotterdam, Rotterdam
46 cans, General Dyestuff Corp, Europa, Bremen
26 dms, 12 jugs, General Dyestuff Corp, Maasdam, Rotterdam
ANILIN—13 cks, 1 pkg, General Dyestuff Corp, Hamburg, Hamburg
2 cs, 2 dms, 183 cks, General Dyestuff Corp, Rotterdam, Rotterdam
1 ck, 2 dms, E I Du Pont de Nemours Co, Laconia, Liverpool
87 cks, Ciba Co, Ile de France, Havre
8 cks, Geigy Co, Ile de France, Havre
68 cks, Carbic Color & Chem Co, Ile de France, Havre
2 dms, 2 cks, 1 cs, General Dyestuff Corp, Europa, Bremen
25 dms, 109 cks, 1 cs, General Dyestuff Corp, Maasdam, Rotterdam
DYEWOOD, CUTTED—26 bgs, S B Penick & Co, Saturnia, Trieste
EARTH, SILICIOUS—285 bgs, Hamburg, Hamburg
EGG, WHOLE, DRIED—300 cs, Borden Co, President Cleveland, Shanghai
YOLK, HEN—15 cs, Borden Co, President Cleveland, Shanghai
224 cs, Stein, Hall & Co, President Cleveland, Shanghai
112 cs, Paul A Dunkel & Co, President Cleveland, Shanghai
56 cs, Bridges Neumer & Co, President Cleveland, Kobe
112 cs, Stein, Hall & Co, President Cleveland, Kobe
FROZEN — 500 cans, Borden Co, President Cleveland, Shanghai
EMERY POWDER—7 cks, F Gumm Chem Co, American Farmer, London
EUPHORBIA—100 bls, City of Christchurch, Colombo
31 bls, Barber S S Line, Nairnbank, Port Said
FENNEL SEED—98 bgs, City of Christchurch, Colombo
FENUGREEK SEED—50 bgs, 11,000 lbs, S Dabis & Co, Excello, Casablanca
130 bgs, 33,000 lbs, Van Norden & Archibald, Casablanca
90 bgs, 17,820 lbs, Excello, Casablanca
FERTILIZER—5 dms, 1 pkg, American Farmer, London
FILTER, COMPOUND — 80 bls, Hamburg, Hamburg
PAPER—5 cs, Hamburg, Hamburg
16 cs, H Reeve Angel & Co, American Farmer, London
FISH MEAL—4,000 bgs, Mitsui & Co, Ronda, Kobe
SOUNDS—33 bls, Fulton Freight Forwarding Co, Caracas, Curacao
FLAXSEED—3,350 tons, 134,000 bus, Bunge North American Grain Co, Troubador, La Plata
4,210 tons, 108,400 bus, Bunge North American Grain Co, Troubador, Diamente
177 bgs, 389 bus, Pan America, Buenos Aires
7,216 tons, 288,640 bus, Archer Daniels Midland Co, Lammot du Pont, Rosario
FLEASEED—782 bgs, City of Christchurch, Colombo
120 bgs, Bank of London South America, President Monroe, Bombay
350 bgs, T M Duche & Sons, President Monroe, Bombay
GAMBIER—240 bgs, E E Androvette, Steel Traveler, Singapore
GELATIN—16 cs, Dingelstedt & Co, Hamburg, Hamburg
100 bls, French Line, Paris, Havre
POWDERED—184 bgs, 5 dms, 12 bbls, Robt D McLellan, Rotterdam, Rotterdam
34 bgs, Koenigstein, Antwerp
143 bgs, Robt D McLellan, Maasdam, Rotterdam
SHEET—25 cs, Robt D McLellan, Rotterdam, Rotterdam
GENTIAN ROOT—150 bls, Livenza, Fiume
56 bls, McKesson & Robbins, Saturnia, Dubrovnik
GLASS.PLATE — 60 cs, S A Benheim Co, Washington, Hamburg
1 cs, L Solomon & Son, Washington, Hamburg
37 cs, Globe Shipping Co, Hamburg, Hamburg
WINDOW—2 cs, Semon Bache & Co, Washington, Hamburg
22 cs, Globe Shipping Co, Washington, Hamburg
2,274 cs, Vitrea Co, Washington, Hamburg
7 cs, W J Byrnes Co, Hamburg, Hamburg
28 cs, Koenigstein, Antwerp
GLUE—100 bgs, National Adhesive Corp, Hamburg, Hamburg
MARINE—9 dms, L N Ferdinand & Co, American Farmer, London
GLUESTOCK—582 bgs, American Express Co, American Importer, Liverpool
GLYCERIN—20 dms, Northern Prince, Buenos Aires
18 dms, Toronto City, Bristol
GRAPHITE—2,203 bgs, National City Bank, City of Christchurch, Colombo
100 bbls, Bank of Manhattan, Nairnbank, Colombo
250 bgs, J Dixon Crucible Co, President Monroe, Colombo
250 bgs, C E Pettinos, President Monroe, Colombo
626 bgs, Bintang, Tamatave
250 bgs, National City Bank, Eurylochus, Colombo
276 bgs, Eurylochus, Colombo
GREASE, WOOL—5 dms, P H Petry & Co, American Importer, Manchester
50 dms, Lo Curto & Funk, American Importer, Manchester
58 bbls, American Importer, Manchester
100 dms, 22 tons, 1 cwt, 1 qtr, 6 lbs, Laconia, Liverpool
GUM—14 pkgs, Chicle Development Co, Pan America, Port Spain
7 bgs, Saturnia, Trieste
ARABIC—250 bgs, Paul A Dunkel & Co, City of Christchurch, Port Sudan
250 bgs, Frank Vliet Co, City of Christchurch, Port Sudan
1,390 bgs, City of Christchurch, Port Sudan
CHICLE—15 bls, Chicle Development Co, Colombia, Kingston
COPAL—300 bgs, G W S Patterson & Co, Mercier, Antwerp
300 bgs, S Winterbourne & Co, Mercier, Antwerp
100 bgs, Thurston & Braidich, Mercier, Antwerp
950 bgs, O G Innis Corp, Mercier, Antwerp
60 bgs, American Cyanamid & Chemical Co, Mercier, Antwerp
130 bgs, France, Campbell & Darling, Mercier, Antwerp
70 bgs, G W S Patterson & Co, American Farmer, London
50 cs, Stroock & Wittenburg, Javanese Prince, Singapore
27 bgs, W H Scheel, President Cleveland, Manila
35 bgs, Manufacturers Trust Co, Eurylochus, Singapore
DAMMAR—100 pkgs, Catz American Co, Steel Traveler, Batavia
50 cs, Steel Traveler, Singapore
70 bgs, American Cyanamid & Chem Co, Javanese Prince, Singapore
420 bgs, O G Innes Corp, Javanese Prince, Singapore
25 bgs, Stroock & Wittenburg, Javanese Prince, Singapore
200 cs, 770 bgs, G W S Patterson & Co, Javanese Prince, Singapore
280 bgs, President Monroe, Singapore
200 cs, Bintang, Batavia
100 cs, Stroock & Wittenburg, Bintang, Batavia
300 cs, American Cyanamid & Chem Co, Bintang, Batavia
350 cs, 300 bgs, Thurston & Braidich, Bintang, Batavia
210 bgs, Thurston & Braidich, Eurylochus, Singapore
210 bgs, France, Campbell & Darling, Eurylochus, Singapore

GUM, DAMMAR—140 bgs, Manufacturers Trust Co, Eurylochus, Singapore
ELEMI—135 cs, American Cyanamid & Chem Co, President Cleveland, Manila
INDUSTRIAL—60 bgs, President Monroe, Marseilles
KARAYA—140 bgs, Paul A Dunkel & Co, President Monroe, Bombay
173 bgs, Frank Vliet Co, President Monroe, Bombay
400 bgs, Thurston & Braidich, President Monroe, Bombay
254 bgs, National Carloading Corp, President Monroe, Bombay
MYRRH—1 cs, Freeman & Slater, Hamburg, Hamburg
OLIBANUM—10 cs, J L Hopkins & Co, City of Christchurch, Aden
10 cs, Peek & Velsor, City of Christchurch, Aden
SANDARAC—8 bbls, 2,618 lbs, Excello, Casablanca
GYPSUM—4,050 tons, U S Gypsum Co, Gypsum Empress, Windsor
6,150 tons, U S Gypsum Prince, Windsor
HERBS, MEDICINAL — 52 bls, 10,731 lbs, Hamburg, Hamburg
120 bls, P H Petry & Co, Hamburg, Hamburg
12 bls, Peek & Velsor, Excello, Genoa
145 bls, Saturnia, Trieste
5 bls, Peek & Velsor, Saturnia, Trieste
5 bls, Saturnia, Trieste
28 bgs, Koenigstein, Antwerp
HOPS—5 bls, Rotterdam, Rotterdam
INDIGO—5 cks, 30 dms, General Dyestuff Corp, Maasdam, Rotterdam
IODINE—1,543 kgs, Santa Barbara, Tocopilla
IPECAC ROOT—7 bgs, N Brandon Co, Peten, Port Limon
IRISH MOSS—30 bls, C H Reisig, Paris, Havre
10 bls, S B Penick & Co, Paris, Havre
50 bls, Paris, Havre
100 bls, Innis, Speiden & Co, Ile de France, Havre
IRON ORE—63 dms, 135 bgs, Reichard Coulston, American Importer, Liverpool
OXIDE—17 cks, Toronto City, Bristol
10 cks, 2 tons, 15 cwt, 1 qtr, 12 lbs, J Lee Smith & Co, Laconia, Liverpool
5 cks, 8 kgs, 1 ton, 19 cwt, 2 qtrs, 8 lbs, J H Rhodes & Co, Laconia, Liverpool
20 cks, Robinson-Wagner Co, Maasdam, Rotterdam
ISINGLASS—20 cs, C H Reisig, Laconia, Liverpool
KOLA NUTS—61 bgs, Barclay Bank, Ulua, Kingston
KYANITE — 60 tons, Nairnbank, Calcutta
LICORICE ROOT—183 bgs, J L Hopkins & Co, Saturnia, Trieste
3 cks, Hensel Bruckmann & Lorbacher, Maasdam, Rotterdam
MACE—8 cs, Catz American Co, Haukefjell, Rotterdam
MAGNESIA, CARBONATE — 50 cks, 40 cs, Schofield-Donald Co, American Importer, Liverpool
MANGANESE — 5 cks, C B Chrystal & Co, Toronto City, Bristol
CONCENTRATES—8 dms, Rohner, Gehring & Co, Hamburg, Hamburg
MATCHES, SAFETY—905 cs, Simmons Distr Co, Svaneholm, Kotka
4,300 cont, N Y Match Co, Drottningholm, Gothenburg
MATE—40 bbls, W R Grace & Co, Parnahyba, Santos
17 bbls, J L Hopkins & Co, Parnahyba, Rio de Janeiro
MEDICINAL PREPS—4 cs, Burroughs-Wellcome & Co, American Farmer, London
150 cs, Bani Prod Corp, Excello, Genoa
25 cs, Biddle Purchasing Co, Maasdam, Rotterdam
MENTHOL—17 cs, New York Quinine & Chem Works, American Farmer, London
10 cs, Kachurin Drug Co, Wales, Otaru
METHYLTAURIN — 61 dms, General Aniline Works, Black Hawk, Rotterdam
METHYL CHLORIDE—3 cs, Draeger Shipping Co, Hamburg, Hamburg
MICA—20 cs, Eugene Munsell & Co, Northern Prince, Rio de Janeiro
36 cs, F D Pitts Co, Northern Prince, Rio de Janeiro
66 cs, Otto Gerdau Co, Northern Prince, Rio de Janeiro
18 cs, City of Christchurch, Calcutta
57 cs, Paris, Havre
40 cs, Eugene Munsell & Co, Pan America, Rio de Janeiro
37 cs, Pan America, Rio de Janeiro
20 cs, Pan America, Buenos Aires
BLOCK—38 cs, City of Christchurch, Calcutta
100 cs, Philadelphia National Bank, American Farmer, London
SPLITTINGS—52 cs, General Electric Co, City of Christchurch, Calcutta
195 cs, A O Schomaker Insulation Co, City of Christchurch, Calcutta
67 cs, Guaranty Trust Co, City of Christchurch, Calcutta
400 cs, Philadelphia National Bank, City of Christchurch, Calcutta
161 cs, Gillespie-Rogers-Pyatt Co, City of Christchurch, Calcutta
19 cs, City of Christchurch, Calcutta
106 cs, Corn Exchange Bank, American Farmer, London
WASTE—200 bgs, City of Christchurch, Calcutta
MILLET SEED—200 bgs, Hamburg, Hamburg
MINERALS—1,220 bgs, National Lead Co, Pan America, Buenos Aires
MOLASSES—390,000 kilos, W R Grace & Co, Santa Barbara, Salaverry
4,280 tons, Athelknight, Sourabaya
9,085 tons, Athelknight, Semarang
MUSTARD SEED—448 bgs, Old Dutch Mustard Co, President Cleveland, Kobe
150 bgs, Catz American Co, Hankefjell, Rotterdam
NIGER SEED — 177 bgs, President Munroe, Colombo
NUTMEGS—200 bgs, Bintang, Sabang
OCHER—10 cks, J H Rhodes & Co, President Monroe, Marseilles
OIL, BERGAMOT — 30 qr cs, P R Dreyer, Eicello, Messina
CAMPHOR — 25 dms, Procter & Gamble, Ronda, Kobe
CASSIA—5 dms, President Monroe, Hongkong
CHINAWOOD—228 tons, L N Jackson & Co, President Cleveland, Shanghai
280 tons, Mitsubishi Shoji Kaisha, President Cleveland, Shanghai
CINNAMON LEAF—4 dms, Volkart Bros, President Monroe, Colombo
1 cs, President Monroe, Colombo
2 dms, E de Witt Osborn, Bintang, Colombo
5 dms, National City Bank, Bintang, Colombo
CITRONELLA—28 dms, Catz American Co, Steel Traveler, Batavia
4 dms, Geo Uhle Co, Steel Traveler, Batavia
13 dms, Geo Uhle Co, Steel Traveler, Sourabaya
30 dms, Lo Curto & Funk, Nairnbank, Port Said
12 dms, Volkart Bros, Nairnbank, Port Said
4 dms, Javanese Prince, Batavia
10 dms, Dodge & Olcott Co, President Monroe, Colombo
4 dms, Bintang, Batavia

OIL, CITRONELLA—5 dms, E De Witt Osborn, Bintang, Colombo
11 dms, Lo Curto & Funk, Bintang, Colombo
COCONUT—700 tons, Bankers Trust Co, Steel Traveler, Manila
471 tons, Philippine Refining Corp, Javanese Prince, Cebu
473 tons, Guaranty Trust Co, Javanese Prince, Manila
Quantity, Philippine Refining Corp, Arimasan, Manila
COD—5 dms, 600 cks, Balfour, Guthrie & Co, Washington, Hamburg
150 dms, Stavangerfjord, Oslo
200 dms, Stavangerfjord, Kristiansund
800 dms, National Oil Prod Co, Stavangerfjord, Alesund
CODLIVER—300 dms, Stavangerfjord, Kristiansund
100 bbls, Burroughs, Welcome & Co, Stavangerfjord, Alesund
364 dms, Stavangerfjord, Reykjavik
CORN—50 dms, I R Boody & Co, Rotterdam, Rotterdam
65 dms, American Farmer, London
100 dms, I R Boody & Co, Maasdam, Rotterdam
175 dms, Maasdam, Rotterdam
COTTONSEED—534 dms, Parnahyba, Santos
162 dms, Pan America, Buenos Aires
ESSENTIAL—5 cs, Washington, Havre
2 cs, Berengaria, Havre
3 cs, Paris, Havre
2 cs, Rotterdam, Rotterdam
27 cs, Ile de France, Havre
8 pkgs, President Monroe, Marseilles
4 cs, Europa, Bremen
7 cs, Maasdam, Rotterdam
EUCALYPTUS — 28 dms, Fritzsche Bros, Unicoi, Sydney
10 dms, Fritzsche Bros, Unicoi, Melbourne
8 dms, Dodge & Olcott Co, Unicoi, Melbourne
75 cs, Geo Lueders & Co, Unicoi, Melbourne
FISH LIVER—13 dms, S Emy, President Cleveland, Yokohama
70 dms, S Emy, Arimasan, Yokohama
FUEL—96,000 bbls, Standard Oil Co of N J, A C Bedford, Aruba
95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
1,638,000 gls, Standard Oil Co of N J, Herbert G Wylie, Aruba
90,000 bbls, Standard Oil Co of N J, Christian Holm, Aruba
HALIBUT LIVER—2 cs, American Farmer, London
LEMON—100 cs, Lo Curto & Funk, Livenza, Bari
25 qtr cs, Angerer & Co, Excello, Messina
50 qtr cs, P R Dreyer, Excello, Messina
LUBRICATING—1 cs, Socony Vacuum Oil Co, Hamburg, Hamburg
33 bbls, Harbour Ship Supply Co, Esso Aruba, Aruba
MINERAL—140 dms, S Schwabacher & Co, Hamburg, Hamburg
25 dms, Heemsoth-Kerner Corp, Hamburg, Hamburg
OITICICA—50 dms, W R Grace & Co, Cape Sable, Fortaleza
75 dms, Parnahyba, Rio Janeiro
OLIVE—500 cs, Conte di Savoia, Genoa
1,215 cs, President Monroe, Genoa
30 dms, Banca Comi Italian Trust Co, President Monroe, Marseilles
25 dms, President Monroe, Marseilles
70 cks, American Express Co, President Monroe, Marseilles
430 cs, Excello, Leghorn
20 dms, J Acquino, Excello, Leghorn
29 cks, Milan Cernosia, Saturnia, Trieste
53 cs, Saturnia, Palermo
ORIGANUM—3 dms, P R Dreyer, Excello, Casablanca
PALM—297 tons, Bunge North American Grain Co, Silverlarch, Belawan
620 tons, Banque Belge pour l'Etranger, Javanese Prince, Belawan
671 tons, Bintang, Belawan
PEANUT—575 tons, Canada Packers, Wales, Tsingtao
PERILLA—127,000 kilos, Black Hawk, Rotterdam
Quantity, Mitsui & Co, Arimasan, Dairen
RAPESEED—100 dms, Mitsui & Co, Ronda, Kobe
200 dms, Wales, Kobe
200 dms, Mitsui & Co, Arimasan, Nagoya
RICE BRAN—100 dms, W R Grace & Co, Wales, Kobe
ROSE—1 pkg, Intercontinental Forwarding Co, Hamburg, Hamburg
TEASEED—150 dms, W R Grace & Co, Wales, Shanghai
VEGETABLE—100 dms, W R Grace & Co, Wales, Kobe
WHITE—100 dms, Mercier, Antwerp
YLANG YLANG—1 ck, 2 dms, French Line, City of Christchurch, Aden
1 ck, 2 dms, French Line, Nairnbank, Aden
1 cs, Bintang, Tamatave
OPIUM—4 cs, Sharp & Dohme, Washington, Southampton
3 cs, Eli Lilly & Co, Queen Mary, Southampton
ORRISROOT—2 kegs, Yardley & Co, American Farmer, London
PAPAIN—72 cs, Central Hanover Bank, Queen Mary, Southampton
4 cs, Eurylochus, Singapore
6 cs, Eurylochus, Colombo
PAPRIKA—25 bgs, National Carloading Co, Hamburg, Hamburg
250 bgs, Hamburg, Hamburg
100 bgs, Knickerbocker Mills Co, American Farmer, London
75 bgs, 102 cs, American Farmer, London
PEATMOSS—205 bls, Premier Peatmoss Corp, Stavangerfjord, Malmo
1,056 bls, Premier Peatmoss Corp, Rotterdam, Rotterdam
PIMENTO—100 bgs, Bank of Nova Scotia, Ulua, Kingston
PINENEEDLE EXTRACT—2 cks, 1 cs, Globe Shipping Co, Hamburg, Hamburg
POPPYSEED—100 bgs, 11,000 lbs, C M Van Sillevoldt, Rotterdam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Rotterdam, Rotterdam
100 bgs, 11,000 lbs, Catz American Co, Hankefjell, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Maasdam, Rotterdam
POTASH, CARBONATE—10 cks, 4,818 lbs, T C Wygandt, Hamburg, Hamburg
CHLORATE—90 dms, Charles Hardy, Mercier, Antwerp
METABISULPHITE—200 kegs, 24,415 lbs, Hamburg, Hamburg
MURIATE—700 bgs, N V Potash Export My, Mercier, Antwerp
PRUSSIATE—50 bbls, 6,215 lbs, American Cyanamid & Chem Co, Hamburg, Hamburg
40 cks, Innis, Speiden & Co, Maasdam, Rotterdam
PUMICE—80 bgs, National Pumice Stone Co, Livenza, Canneto
1,065 bgs, C B Chrystal & Co, Livenza, Canneto
3,432 bgs, K F Griffiths & Co, Livenza, Canneto
LUMP—50 bgs, 6 cks, K F Griffiths & Co, Livenza, Canneto
PYRETHRUM EXTRACT — 2 cs, Dodwell & Co, Wales, Kobe
FLOWERS—125 bls, John Powell & Co, Ronda, Kobe
60 bls, Saturnia, Trieste
125 bls, J Powell & Co, Arimasan, Kobe
200 bls, Mitsui & Co, Arimasan, Kobe

QUEBRACHO EXTRACT — 2,000 bgs, International Prod Corp, Northern Prince, Buenos Aires
150 bgs, International Prod Corp, Pan America, Buenos Aires
QUICKSILVER—300 cyls, Conte di Savoia, Genoa
60 flsks, Chase National Bank, Orizaba, Vera Cruz
25 flsks, Orizaba, Vera Cruz
SUBLIMATE—160 pkgs, Associated Metals & Mineral Corp, Conte di Savoia, Genoa
QUININE SULPHATE—50 cs, Merck & Co, Haukefjell, Rotterdam
RAPESEED—275 bgs, A G Dunn, Rotterdam, Rotterdam
RESIN—7 bgs, Paris, Havre
ROOT, MEDICINAL — 30 bgs, R D Hines, Hamburg, Hamburg
10 bls, Hamburg, Hamburg
68 bls, Peek & Velsor, Saturnia, Trieste
14 bls, Kenigstein, Antwerp
ROSE LEAVES—1 kg, Yardley & Co, American Farmer, London
ROSIN—10 cs, Saturnia, Trieste
SAGE LEAVES—75 bls, Saturnia, Trieste
SALT, COARSE—500 bgs, Middleton & Co, Amazone, Turks Island
FISHERY—500 bgs, Middleton & Co, Amazone, Turks Island
SANDALWOOD—1 kg, Yardley & Co, American Farmer, London
SARSAPARILLA ROOT — 16 bls, J L Hopkins & Co, Agwistar, Tampico
SAWDUST—396 bgs, State Chem Co, Maasdam, Rotterdam
SCHEELITE ORE — 590 bgs, Steel Traveler, Penang
SENNA LEAVES—125 bls, S B Penick & Co, City of Christchurch, Colombo
100 bls, City of Christchurch, Colombo
125 bls, S B Penick & Co, Nairnbank, Colombo
25 bls, Nairnbank, Colombo
SESAME SEED—112 bgs, Levy & Levis, President Cleveland, Hongkong
150 bgs, Independent Halvah & Candies, Wales, Shanghai
SHEEP DIP—9 cs, Pablo, Calvet & Co, Laconia, Liverpool
SHELLAC—200 bgs, Wm Zinsser & Co, City of Christchurch, Calcutta
100 bgs, Gillespie-Rogers-Pyatt Co, City of Christchurch, Calcutta
55 bgs, A Hurst & Co, Rotterdam, Rotterdam
15 cs, A Hurst & Co, Maasdam, Rotterdam
SEEDLAC—200 bgs, Philadelphia Natl Bank, City of Christchurch, Calcutta
300 bgs, Mantrose Corp, City of Christchurch, Calcutta
500 bgs, Chase Natl Bank, City of Christchurch, Calcutta
200 bgs, Gillespie-Rogers-Pyatt Co, City of Christchurch, Calcutta
500 bgs, Argenti & Co, City of Christchurch, Calcutta
SIENNA—10 cks, Excello, Leghorn
SILICON CARBIDE—957 bgs, D C Andrews & Co, Stavangerfjord, Arendal
SLOE BERRIES—24 bls, J L Hopkins & Co, Hamburg, Hamburg
SOAP BARK—109 bls, W R Grace & Co, Santa Barbara, San Antonio
SOAP—2 cs, Globe Shipping Co, Hamburg, Hamburg
5 cs, M J Corbett & Co, Berengaria, Southampton
75 pkgs, Concentrate Mfg Co, Ile de France, Havre
100 cs, R H Macy & Co, Saturnia, Trieste
27 cs, Saturnia, Trieste
BASE—45 cs, Yardley & Co, American Farmer, London
SADDLE—80 cs, Salomon & Philipps, American Farmer, London
SODA CYANIDE—336 dms, H H Rosenthal Co, Wales, Yokohama
125 cks, 600 dms, Charles Hardy, Ile de France, Havre
HYDROSULPHITE—16 dms, 4 cns, E Ritter, Koenigstein, Antwerp
SULPHATE—250 bgs, 55,000 lbs, Chase National Bank, Washington, Hamburg
130 dms, Advance Solvents & Chemical Co, Koenigstein, Antwerp
SOLVENTS—500 dms, C P Chemical Solvents, Manuela, Ponce
500 dms, A Mersch, Manuela, Arecibo
SPONGES—20 bls, Schroeder & Tremayne, Oriente, Havana
35 bls, Santa Rosa, Porto Colombia
5 bls, O Willis & A Mangos, President Monroe, Alexandria
4 bls, F M Niglis, President Monroe, Alexandria
REFUSE—36 bls, Santa Rosa, Porto Colombia
6 bls, American Express Co, Santa Rosa, Colombia
SQUILL—235 bgs, Livenza, Bari
17 bgs, Saturnia, Trieste
STARCH, POTATO—500 bgs, Stein, Hall & Co, Rotterdam, Rotterdam
RICE POWD—168 bbls, Mercier, Antwerp
40 bgs, Yardley & Co, American Farmer, London
STEARIN PITCH—28 bbls, Irving Trust Co, Hamburg, Hamburg
SUMAC—350 bgs, 55,825 lbs, Excello, Palermo
TALC—50 bgs, Bingham & Co, Wales, Kobe
100 bgs, Arimasan, Kobe
TALLOW—281 cks, Northern Prince, Buenos Aires
55 dms, Anglo California National Bank, Unicoi, Fremantle
67 cks, Unicoi, Brisbane
TANKAGE—1,670 bgs, Anglo-California National Bank, Unicoi, Melbourne
1,500 bgs, Swift & Co, Pan America, Buenos Aires
TAPIOCA FLAKE—367 bgs, Stein, Hall & Co, Bintang, Sourabaya
FLOUR—1,519 bgs, Aaron D Welds Sons, Cteel Traveler, Pasoeroean
500 bgs, Catz American Co, Steel Traveler, Batavia
4,705 bgs, Stein, Hall & Co, Steel Traveler, Batavia
1,000 bgs, Steel Traveler, Sourabaya
1,506 bgs, Stein, Hall & Co, Steel Traveler, Cheribon
2,080 bgs, Chase National Bank, Steel Traveler, Pamanoekun
2,140 bgs, Balfour, Guthrie & Co, Steel Traveler, Pamanoekun
250 bgs, Philadelphia National Bank, Javanese Prince, Cheribon
250 bgs, Rutger, Bleecker & Co, Javanese Prince, Batavia
1,151 bgs, Stein, Hall & Co, Javanese Prince, Batavia
300 bgs, Catz American Co, Javanese Prince, Batavia
2,431 bgs, Stein, Hall & Co, Javanese Prince, Cheribon
250 bgs, Rutger, Bleecker & Co, Javanese Prince, Cheribon
1,000 bgs, Javanese Prince, Cheribon
1,379 bgs, National Adhesive Corp, Javanese Prince, Sourabaya
276 bgs, Java American Export Co, Javanese Prince, Sourabaya
2,206 bgs, Chase National Bank, Javanese Prince, Sourabaya
1,000 bgs, Stein, Hall & Co, Javanese Prince, Sourabaya
750 bgs, Chase National Bank, Bintang, Cheribon
244 bgs, National Adhesive Corp, Bintang, Sourabaya
10,065 bgs, Stein, Hall & Co, Bintang, Sourabaya
449 bgs, Chase National Bank, Bintang, Cheribon

TAPIOCA FLOUR—1,500 bgs, Stein, Hall & Co, Bintang, Cheribon
3,779 bgs, Stein, Hall & Co, Bintang, Batavia
250 bgs, Stein, Hall & Co, Bintang, Batavia
500 bgs, Chase National Bank, Bintang, Sabang
TARTAR—186 bgs, Standard Brands, Livenza, Algiers
187 bgs, Charles Pfizer & Co, Livenza, Algiers
463 bgs, Standard Brands, Excello, Naples
TEAWASTE — 1,506 bgs, Chemical Bank & Trust Co, Nairnbank, Calcutta
TONKA BEANS — 15 cks, Virginia Bonded Warehouse Corp, Pan America, Port Spain
TUBA ROOT—30 bls, Chase National Bank, President Monroe, Singapore
41 bls, Eurylochus, Singapore
UMBER, BURNT — 50 cks, National Safety Bank & Trust Co, Exchange, Larnaca
RAW—29 cks, National Safety Bank & Trust Co, Exchange, Larnaca
1,921 bgs, J Lee Smith & Co, Exchange, Larnaca
VANILLA BEANS — 22 cs, Thurston & Braidich, President Monroe, Marseilles
22 cs, Integrity Trust Co, President Monroe, Marseilles
WATER MINERAL—250 cs, McKesson & Robbins, Paris, Havre
83 cs, American Agency of French Vichy, Paris, Havre
428 cs, C Van der Bruck, Rotterdam, Rotterdam
350 cs, D F Young, American Farmer, London
100 pkgs, Excello, Leghorn
704 cs, Rohner, Gehrig & Co, Haukefjell, Rotterdam
WAX, BEES—80 bgs, Will & Bauer Candle Co, Northern Prince, Buenos Aires
154 blcks, American Express Co, City of Christchurch, Aden
22 bgs, Wm M Allison & Co, City of Christchurch, Suez
47 blcks, Exchange, Lisbon
10 bgs, Lenape Trading Co, Oriente, Havana
37 bgs, Porcella Vicini & Co, Oriente, Havana
4 bgs, Curacao Trading Co, Colombia, Cape Haitien
11 bgs, Schutte & Focke, Coamo, Trujillo
25 bgs, Orizaba, Havana
22 pkgs, D Steengrafe, Manuela, Ponce
1 bl, D Steengrafe, Manuela, San Juan
32 bgs, Parnahyba, Santos
55 bgs, Parnahyba, Rio Janeiro
44 pkgs, MacMiller Candle Co, President Monroe, Alexandria
CANDELILLA—87 bgs, Agwistar, Tampico
265 bgs, D A Zorilla, Agwistar, Tampico
190 bgs, M Argueso, Agwistar, Tampico
CARNAUBA—188 bgs, Innis, Speiden & Co, Cape Sable, Parnahyba
313 bgs, Strahl & Pitsch, Cape Sable, Parnahyba
715 bgs, Strohmeyer & Arpe Co, Cape Sable, Parnahyba
126 bgs, W M Allison & Co, Cape Sable, Parnahyba
50 bgs, Lenape Trading Co, Cape Sable, Parnahyba
63 bgs, F B Ross & Co, Cape Sable, Parnahyba
280 bgs, Strohmeyer & Arpe Co, Cape Sable, Fortaleza
44 bgs, Strahl & Pitsch, Cape Sable, Bahia
56 bgs, Strahl & Pitsch, Cape Sable, Fortalezs
9 bgs, American Cyanamid & Chem Co, Cape Sable, Fortaleza
34 bgs, Innis, Speiden & Co, Cape Sable, Fortaleza
CERESIN—96 bgs, Asiatic Petroleum Corp, Bintang, Sourabaya
MONTAN—375 bgs, Strohmeyer & Arpe Co, Hamburg, Hamburg
MOULDING—10 cs, Phoenix Shipping Co, Hamburg, Hamburg
OZOKERITE—40 cs, Heemsoth, Kerner Corp, Hamburg, Hamburg
42 bgs, Strohmeyer & Arpe Co, Saturnia, Trieste
VEGETABLE—67 bgs, A Hurst & Co, American Farmer, London
10 cs, Pacific Trading Co, Ronda, Kobe
30 bgs, A Hurst & Co, California, Glasgow
200 cs, La France Manufacturing Co, Arimasan, Kobe
WHITING—200 bgs, Mercier, Antwerp
WOLFRAM ORE—400 bgs, Unicol, Melbourne
WOODFLOUR—1,550 bgs, Burnet Co, Stavangerfjord, Fredrikstad
3,000 bgs, Rotterdam, Rotterdam
YEAST—100 bbls, Vulkan Yeast Co, Hamburg, Hamburg
COMPRESSED—150 kegs, Compressed Yeast Corp, Hamburg, Hamburg
ZINC, OXIDE—30 cks, 8,184 lbs, State Chem Co, Pilsudski, Gdynia
10 cks, C L Huisking & Co, American Farmer, London
ZIRCON SAND—3,640 bgs, Titanium Alloy Manufacturing Co, Unicol, Sydney

New York Transit Imports

CARAWAY SEEDS—200 bgs, 22,000 lbs, Holland American Line, Rotterdam, Rotterdam, Chicago
100 bgs, 11,000 lbs, Jewitt & Sherman, Haukefjell, Rotterdam, Milwaukee
100 bgs, 11,000 lbs, Maasdam, Rotterdam, Chicago
CASSIA—50 bls, Jewitt & Sherman, President Cleveland, Hongkong, Milwaukee
EGG YOLK, FROZEN—1,111 tins, G H Hammond Co, President Cleveland, Shanghai, Chicago
GELATIN SHEETS—138 cs, American Express Co, Black Hawk, Rotterdam, Rochester
GLASS, WINDOW—1,050 cs, Eastman Kodak Co, Washington, Hamburg, Rochester
IPECAC ROOT—30 bgs, Parke, Davis & Co, Colombia, Kingston, Detroit
OIL, CHINAWOOD—939 tons, W G Smith & Co, Silverlarch, Hankow, Cleveland
528 tons, Spencer Kellogg & Sons, President Cleveland, Shanghai, Buffalo
COCONUT—420 tons, Procter & Gamble Co, Javanese Prince, Cebu, Cincinnati

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OIL, CODLIVER—300 dms, Stavangerfjord, Bergen, Grand Rapids, Mich
PAPAIN—70 cs, Carter, Cummings & Co, President Monroe, Colombo, Buffalo
POPPYSEED — 100 bgs, Holland American Line, Rotterdam, Rotterdam, Chicago
300 bgs, 33,000 lbs, Maasdam, Rotterdam, Chicago
RAPESEED—55 bgs, A G Dunn, Rotterdam, Rotterdam, Chicago
SQUILL—33 bgs, Parke, Davis & Co, Saturnia, Trieste, Detroit
STARCH, POTATO—500 bgs, Stein, Hall & Co, Maasdam, Rotterdam, Chicago

Baltimore Imports

ACID, CRESYLIC—125 dms, Tiradentes, Rotterdam
CASSIA—500 bls, Grete Maersk, Hongkong
CHEMICALS — 100 csks, Tiradentes, Rotterdam
40 csks, 250 bgs, City of Newport News, Hamburg
500 bgs, Black Condor, Antwerp
CHROMIUM METAL—64 bbls, Tampa, Sauda
CLAY—227 bgs, City of Newport News, Hamburg
337 csks, Black Condor, Rotterdam
COCONUT, DESIC—125 cs, Grete Maersk, Manila
COLORS, EARTH—17 csks, Tiradentes, Rotterdam
19 csks, Black Condor, Rotterdam
FERROMANGANESE — 500 tons, Frank Samuel, Tampa, Torsberg
882 bbls, 503 tons, Tampa, Sauda
250 cs, Nagara, Yokohama
GLYCERIN—100 dms, Tiradentes, Rotterdam
GUM COPAL—51 bgs, City of Newport News, Southampton
IRON, ORE—22,300 tons, Bethlehem Steel Co, Amerikaland, Cruz Grande
6,500 tons, Bethlehem Steel Co, Cubore, Daiquiri
MANGANESE ORE—1,500 tons, Carnegie Steel Co, City of Auckland, Calcutta
8,250 tons, Amtorg Trading Corp, Tacoma City, Poti
MIMOSA EXTRACT, SOLIDIFIED — 945 dbl bgs, Chincha, Durban
MOLASSES—1,300,000 gls, Credo, Havana
OIL, FUEL — 58,000 bbls, Standard Oil Co, N J, Leiesten, Aruba
LUBRICATING — 100 dms, Black Condor, Antwerp
6 dms, Artigas, London
ORE RESIDUE — 3,317,923 lbs, Tiradentes, Rotterdam
PEATMOSS — 600 bls, Black Condor, Rotterdam
PETROLEUM, CRUDE — 70,200 bbls, Pan American Refg Co, Franklin K Lane, Las Piedras
POTASH MANURE SALT—450 tons, Black Condor, Antwerp
MURIATE—800 tons, Black Condor, Antwerp
SAND, FURNACE — 800 bgs, Tiradentes, Rotterdam
SARDINE MEAL—1,000 bgs, Kwanto, Kobe
2,000 bgs, Nagara, Kobe
2,000 bgs, Nagara, Yokohama
ZIRCONIUM—432 bbls, order, Tampa, Sauda

Boston Imports

ACID, CRESYLIC—50 dms, American Importer, Manchester
BENZENE—1 cs, 73 lbs, Gray Processes Corpn, Idarwald, Bremen
BLEACHING POWDER—67 bbls, Belvedere, Naples
BONE CHAR—650 bgs, Fruit Dispatch Co, Limon, Salt River
CASEIN—417 bgs, 55,163 lbs, Chemical Bank & Trust Co, Collingsworth, Buenos Aires
CASSIA—100 bls, 12,000 lbs, Royal Bank of Canada, Grete Maersk, Hongkong
300 bls, Grete Maersk, Hongkong
CHEMICALS—680 cs, 183,785 lbs, Idarwald, Hamburg
150 bgs, 33,069 lbs, Idarwald, Bremen
COCONUT, DESIC—50 cs, Javanese Prince, Colombo
EMERY, FILLET—6 cs, C E Quinn, Laconia, Liverpool
FERTILIZER—581 bgs, 128,087 lbs, Idarwald, Bremen
FISH LIVERS—1 cs, R S Hamilton, Evangeline, Yarmouth
2 cs, Dench & Hardy, Evangeline, Yarmouth
GLASS, WINDOW—1 cs, 432 lbs, A W Chesterton Co, Idarwald, Bremen
GLUE—100 double bgs, 5 tons, 2 cwts, 2 qtrs, 20 lbs, Stone & Downer, Laconia, Liverpool
GLUESTOCK, FISH HEADS—10 bbls, John Nagle, Yarmouth, Yarmouth
FISH SCRAP—6 bxs, J R Poole Co, Yarmouth, Yarmouth
HIDE CUTTINGS—151 bgs, American Importer, Manchester
178 bgs, American Importer, Liverpool
GOLD THREAD—1 bg, Chester E Gould, Yarmouth, Yarmouth
GUM, INDUSTRIAL—50 cks, 12 tons, 7 cwts, J P Marston Co, Laconia, Liverpool
IRON, OXIDE—224 bgs, Reichard Coulston, American Importer, Liverpool
MAGNESIA, CARBONATE—224 bgs, Schofield Donald Co, American Importer, Liverpool
MEDICINAL PREPS—7 cs, United Drug Co, American Importer, Liverpool
MICA SPLITTINGS—240 cs, Nairnbank, Calcutta
168 cs, Guaranty Trust Co, Mahout, Calcutta
50 cs, National City Bank, Mahout, Calcutta
NAPHTHALENE—924 bgs, 224,318 lbs, L N Schwarzschild, Idarwald, Hamburg
OIL, COCONUT—670 tons, Philippine Refining Corp, Awobasan, Manila
COD—10 dms, California, Glasgow
LUBRICATING—15 cs, California, Glasgow
OLIVE—100 dms, Belvedere, Algiers
TEASEED—146 dms, 67,266 lbs, Melchers, Inc, Grete Maersk, Hongkong
PEATMOSS—400 bls, 62,589 lbs, L E Page, Idarwald, Bremen
200 bls, 28,219 lbs, Atkins & Durbrow, Idarwald, Bremen
900 bls, 149,075 lbs, Idarwald, Bremen
PEPPER—81 bgs, Bintang, Tandjong Prick
PETROLEUM, CRUDE—63,614 bbls, 2,671,788 gls, Colonial Beacon Oil Co, W L Steed, Guiria
POTASH, CHLORATE—450 csk, 11,409 lbs, Bank of Manhattan, Idarwald, Hamburg
QUEBRACHO EXTRACT—15,155 bgs, 1,663,995 lbs, American Tanners, Collingsworth, Buenos Aires
1,000 bgs, 80,186 lbs, International Products Corp, Collingsworth, Buenos Aires
500 bgs, 53,572 lbs, Tannin Corp, Collingsworth, Buenos Aires
SHELLAC—25 bgs, Bank of Manhattan, Mahout, Calcutta
SEEDLAC—100 bgs, Mahout, Calcutta
SOOT—25 bgs, American Express Co, California, Glasgow
SUMAC LEAVES—8 bls, Belvedere, Palermo
TANKAGE—2,000 bgs, 220,473 lbs, Collingsworth, Buenos Aires
TAPIOCA FLOUR—273 bgs, Chase National Bank, Bintang, Cheribon
802 bgs, Balfour, Guthrie & Co, Bintang, Pamanoekan
WAX, BEES — 36 bls, 8,633 lbs, Idarwald, Hamburg

Los Angeles Imports

ANTIMONY ORE—192,640 lbs, from Mexico
BONE MEAL—112,000 lbs, Delftdijk, Munich
CARAWAY SEED—8,180 lbs, Delftdijk, Rotterdam
CASSIA—4,530 lbs, President Cleveland, Canton
CHALK, CRUDE—504,000 lbs, Delftdijk, London
CHEMICAL COMPOUNDS—600 lbs, Asama, Yokohama
1,200 lbs, Taiyo, Yokohama
CHINA CLAY—190,740 lbs, Delftdijk, Fowey
COCOA BEAN FIBER—50,000 lbs, President Coolidge, Ceylon
COCONUT, DESIC—221,820 lbs, Tai Yang, Manila
43,750 lbs, Tai Yang, Zamboanga
COPRA—2,045,220 lbs, Limerick, Suva
147,470 lbs, Limerick, Papeete
MEAL—100,000 lbs, Djambi, Manila
1,077,650 lbs, President Coolidge, Manila
COTTON LINTERS—102,850 lbs, Evanger, San Paulo
CUMIN SEED—11,020 lbs, from Casablanca
DRUGS, CRUDE—260 lbs, President Coolidge, Canton
14,170 lbs, President Coolidge, Hongkong
DYE, HAIR—100 lbs, President Coolidge, Kobe
FILTER PAPER—190 lbs, Taiyo, Kobe
FLEASEED—10,320 lbs, President Coolidge, Amritsar
GELATIN, EDIBLE—5,470 lbs, Delftdijk, Rotterdam
GLASS, PLATE—150 lbs, Vancouver, Furth
SHEET—14,560 lbs, Vancouver, Prague
WINDOW—5,390 lbs, Portland, Brussels
34,260 lbs, Portland, Brussels
MACE—2,670 lbs, Delftdijk, Amsterdam
MEDICINAL PREP'S—20 lbs, Nailsea Court, Japan
30 lbs, Taiyo, Yokohama
110 lbs, President Coolidge, Canton
220 lbs, President Coolidge, Hongkong
MURU MURU KERNELS — 122,500 lbs, Evanger, Para
OIL, COTTONSEED—99,690 lbs, Nojima, Hankow
COTTONSEED, REFINED — 1,123,410 lbs, Evanger, San Paulo
COTTONSEED, SEMI-REFINED—63,320 lbs, Nojima, Hankow
362,390 lbs, Evanger, San Paulo
LUBRICATING—50 pkgs, 21,600 lbs, Vancouver, Hamburg
NUT—694,400 lbs, President Coolidge, China
OLIVE—44,090 lbs, President Van Buren, Marseilles
PARAFFIN—10,000 lbs, From Antwerp
PEANUT—3,960 lbs, Tokai, Hongkong
PEATMOSS—612,120 lbs, Vancouver, Bremen
17,920 lbs, From London
POLISHING CREAM—150 lbs, Delftdijk, London
SAND, SILICA—2,240,000 lbs, Vancouver, Antwerp
SEAWEED—170 lbs, Arimasan, Yokohama
220 lbs, Taiyo, Yokohama
110 lbs, Nojima, Yokohama
SESAME SEED—240 lbs, Arimasan, Yokohama
SOAP—2,020 lbs, Delftdijk, London
TOILET—1,070 lbs, From Paris
SODA, CYANIDE—16,800 lbs, Delftdijk, Frankfort
SULPHITE—15,600 lbs, Delftdijk, Frankfort
TANKAGE—20,160 lbs, Evanger, Buenos Aires
TAPIOCA FLOUR—100 lbs, Arimasan, Yokohama
TOILET PREPS—50 lbs, From London
10 lbs, Taiyo, Yokohama
UREA—49,280 lbs, Vancouver, Berlin
VARNISH—5 lbs, Delftdijk, London
WAX, VEGETABLE—2,240 lbs, Arimasan, Kobe

Mobile Imports

BAUXITE ORE—4,102 tons, Burges, Paramaribo

New Orleans Imports

BAUXITE ORE—2,600 tons, Republic Mining & Mfg Co, Arnold Maersk, Paramaribo
190 tons, Republic Mining & Mfg Co, Arnold Maersk, Trinidad
2,555 tons, Republic Mining & Mfg Co, Nordvangen, Paramaribo
CHEMICALS—150 dms, Advance Solvents & Chemical Corp, Blommersdijk, Rotterdam
141 bbls, Blommersdijk, Rotterdam
250 sx, 73 csks, Endicott, Gdynia
COCOA BEANS—1,500 sx, J Holt, Blommersdijk, Rotterdam
200 sx, Nordvangen, Trinidad
COCONUTS—100 sx, Whitney Bank, Contessa, Cristobal
100 sx, Whitney Bank, Tivives, Cristobal
200 sx, Royal Bank of Canada, Lysefjord, Belize
75 sx, Nordvangen, Kingston
COPPERAS—6,600 sx, United Fruit Co, Endicott, Hamburg
GINGER ROOT—100 sx, Nordvangen, Kingston
GLASS, WINDOW—20 cs, Blommersdijk, Antwerp
LITHOPONE—400 csks, Texas Transport & Terminal Co, Blommersdijk, Rotterdam
LIME, HYDRATED—1,474 sx, United Fruit Co, Endicott, Bremen
OIL, OLIVE—18 cs, Montello, Genoa
OLIVE, SULPHUR—496 tons, Bankers Trust Co, Clara, Bari
PEATMOSS—1,470 bls, Peat Import Corp, Endicott, Bremen
1,485 bls, Endicott, Hamburg
PETROLEUM, CRUDE — 67,751 bbls, Pan American Petroleum & Transport Co, Joseph Seep, Tampico
PEPPER, RED—25 sx, Endicott, Hamburg
PIMENTO—250 sx, Nordvangen, Kingston
POTASH, MURIATE—489 tons, Blommersdijk, Antwerp

Norfolk Imports

BLOOD, DRIED—1,420 bgs, Taubate, Santos
BONES—712 bgs, Taubate, Santos
CHINA CLAY—1,183 tons, 17 cwt, Paper Maker Importing Co, Ingria, Fowey
497 tons, 2 cwt, J W Higman & Co, Ingria, Fowey
CLAY, BALL—368 tons, 7 cwt, Paper Makers Importing Co, Ingria, Fowey
COCOA BEAN RESIDUE — 3,000 bgs, H J Baker & Bros, Tiradentes, Rotterdam
GYPSUM, CRUDE—2,450 tons, Smith Douglas Co, Gypsum Queen, Windsor
3,500 tons, Eastern Fertilizer Co, Gypsum Queen, Windsor
KIESERITE—900 bgs, 33 tons, City of Hamburg, Hamburg
MYROBALANS EXTRACT—600 bgs, Liberty, London
PEATMOSS—1,000 bls, 76 tons, City of Hamburg, Hamburg
TANKAGE—2,582 bgs, Taubate, Santos
TAPIOCA FLOUR—248 bgs, Merchants National Bank of Boston, Tapanoeli, Cheribon
2,263 bgs, Guaranty Trust Co, Tapanoeli, Cheribon

Philadelphia Imports

ACID, CRESYLIC—229 dms, John H Faunce Co, Cold Harbor, Manchester
23 dms, Cold Harbor, Liverpool
150 dms, Manchester Exporter, Manchester
ASBESTOS, CRUDE—200 bgs, Raw Asbestos Dist, Chincha, Beira
18 bgs, Keasby & Mattison Co, Cold Harbor, Manchester
BONES, TANK—429,690 kilos, Baugh & Sons, Helgoland, Montevideo
CASSIA, ROLLS—140 bls, American Stores, Nagara, Canton via Hongkong
700 bls, Brown Bros, Harriman & Co, Awobasan, Hongkong
CHROME ORE—2,003 tons, 10 cwt, 2 qtrs, 4 lbs, E J Lavino, Chincha, Beira
1,216 tons, 28 cwt, 4 qtrs, 7 lbs, Philadelphia National Bank, Chincha, Lourenco Marques
4,709.36 tons, Cuban Industrial Ore Co, Fjeld, Nuevitas
COALTAR DISTILLATE—15 dms, Monsanto Chemical Co, Cold Harbor, Liverpool
COCOA BEANS — 3,000 bgs, National City Bank, Haarfagre, Bahia
1,000 bgs, Neischlag & Co, Haarfagre, Bahia
4,000 bgs, Bankers' Trust Co, Haarfagre, Ilheos
2,000 bgs, National City Bank, Haarfagre, Ilheos
3,000 bgs, Guaranty Trust Co, Haarfagre, Ilheos
3,000 bgs, Haarfagre, Ilheos
5,500 bgs, Neischlag & Co, Haarfagre, Ilheos
11,000 bgs, Cape Sable, Tutoya
CORIANDER SEED—200 bgs, Jos Weinstein, Exermont, Casablanca
CORK, FLOATS—1 bl, Armstrong Cork Co, Exermont, Seville
50 bls, Van Fleet-Breear Co, Exermont, Seville
REFUGO—620 bls, Armstrong Cork Co, Exermont, Seville
WASTE—922 bls, Armstrong Cork Co, Exermont, Seville
WOOD—1,175 bls, Armstrong Cork Co, Exermont, Seville
FLAXSEED—8,761 bgs, Helgoland, Rosario
2,021,840 kilos, Helgoland, Rosario
GAMBIER—425 cs, American Dyewood Co, Troilus, Belawan Deli
110 cs, Littlejohn & Co, Troilus, Belawan Deli
GYPSUM, GROUND—16 cks, Hasting & Co, Manchester Exporter, Manchester
ICELAND SPAR—1 cs, Chincha, Capetown
ILMENITE SAND—1,000 bgs, City of Auckland, Cochin
IRON ORE, CHROME—2,500 tons, U S Vanadium Corp, Ronda, Panagan
LICORICE ROOT—11,881 bls, Executive, Izmir
MACE—21 cs, Catz American Co, Tabinta, Balik Papan
MAGNESITE CLINKERS—2,000 bgs, Nagara, Darien
MANGANESE ORE—1,000 tons, Amtorg Trading Corp, Llanfair, Poti
LUMP—400 bgs, City of Auckland, Madras, via Calcutta
MINERAL—530 bgs, Helgoland, Buenos Aires
MOLASSES—1,014,679 gls, Catahoula, Santiago
398,124 gls, Catahoula, Guayabal
1,338,000 gls, Cassimir, Bufadero
MYROBALANS—3,935 pkts, City of Auckland, Calcutta
NAPHTHALENE—213 bgs, John H Faunce Co, Cold Harbor, Manchester
OIL, CHINAWOOD—325 tons, Nagara, Hankow via Shanghai
266 dms, Murray Oil Products Co, Awobasan, Hongkong
COTTONSEED—535 dms, Cape Sable, Tutoya
LUBRICATING—5 bbls, Cold Harbor, Liverpool
MUSTARD SEED—30 dms, Balfour, Guthrie & Co, Nagara, Kobe
OLIVE—350 cs, Birmania, Genoa
125 cs, G Goti, Birmania, Genoa
PERILLA—300 tons, S L Jones & Co, Komaki, Moji
SPERM—50 dms, Groton Pew Fisheries Co, Cold Harbor, Glasgow
PARAFFIN—3,200 bgs, Atlantic Refining Co, Tabinta, Balik, Papan
PETROLEUM, CRUDE—74,876 bbls, Gulf Oil Corp, Gulfgem, Las Piedras
69,542 bbls, Gulf Oil Corp, Gulfpoint, Las Piedras
81,088 bbls, Gulf Oil Corp, Nore, Las Piedras
SARDINE MEAL—1,000 bgs, Nagara, Yokohama
1,120 bgs, Consumers Import Co, Nagara, Yokohama
2,000 bgs, Wilbur, Ellis & Co, Nagara, Yokohama
SOAP LYE—94 dms, Philadelphia National Bank, Helgoland, Buenos Aires
TANKAGE—1,800 bgs, Helgoland, Buenos Aires
TAPIOCA FLOUR—500 bgs, Chase National Bank, Troilus, Cheribon
500 bgs, Troilus, Cheribon
WATER, MINERAL—50 cs, T C Fluke Co, Cold Harbor, Liverpool
WATTLE BARK—399 bgs, Chincha, Mombasa
ZINC SULPHIDE—200 cks, New Jersey Zinc Co, Cold Harbor, Liverpool

Portland, Ore., Imports

ALBUMEN, EGG HEN—56 cs, W E Turner Co, General Lee, Tientsin
BONE MEAL—1,000 sks, Baring Bros & Co, Wyoming, Antwerp
CALCIUM NITRATE—1,000 sks, Wilson & George Meyer & Co, Laurits Swenson, Heroen-Porsgrund
COLOR, CHEESE—1 dm, Dairy Supply Co, Amerika, Copenhagen
GLASS, WINDOW—587 cs, U S National Bank of Portland, Wyoming, Antwerp
OCHER—48 cks, Geo S Bush & Co, President Pierce, Marseilles (transhipped)
OIL, CODLIVER—80 dms, Kinney Shipping Co, Laurits Swenson, Oslo
MINERAL—10 dms, Kuhne Libby Co, Tacoma, Hamburg
PEATMOSS—200 bls, Wilson & George Meyer & Co, Amerika, Copenhagen
SODA CHLORATE—680 cks, International Selling Corpn, Wyoming, Havre
WHITING—124 sks, 9 bbls, Amerika Aalborg

San Diego Imports

PEATMOSS—1,515 bls, Peat Import Corpn, Tacoma, Bremen
POTASH SULPHATE—1,000 sks, First National Bank of Boston, Tacoma, Antwerp

San Francisco Imports

ALBUMEN, EGG, HEN—175 cs, Wood & Selick, President Cleveland, Kobe
ALCOHOL, ETHYL—100 dms, Maliko, Honolulu
AMMONIA CARBONATE — 20 cs, Pacific Grove, Manchester
BRISTLES—55 cs, H Rosenhirsch Co, President Cleveland, Shanghai
CALCIUM CHLORIDE — 14 dms, Portland, Antwerp
CHALK—125 tons, Balfour, Guthrie & Co, Nebraska, London
CHEMICALS—405 dms, Portland, Antwerp
CHINA CLAY—50,699 kilos, Holland America Line, Nebraska, Rotterdam
CINNAMON QUILLS—50 bls, Henry W Peabody & Co, President Cleveland, Hongkong
COCOA BEANS—300 sks, Nebraska, Cristobal
COCONUT, DESIC—775 cs, J E Lowden, President Cleveland, Manila
25 cs, Getz Bros & Co, President Cleveland, Manila
770 cs, Wood & Selick, President Cleveland, Manila
508 cs, Durkee Famous Foods, President Cleveland, Manila
COPRA—150 tons, California, Manila (for Alameda)
1,500 tons, El Dorado Oil Works, California, Tacloban (for Oakland)
1,125 tons, Durkee Famous Foods, California, Cebu (for Alameda)
680 tons, El Dorado Oil Works, California, Cebu (for Oakland)
300 tons, Durkee Famous Foods, Noumea, Cebu
2,377 tons, El Dorado Oil Works, Noumea, Cebu (for Oakland)
1,601,600 lbs, El Dorado Oil Works, Noumea, Tabaco (for Oakland)
MEAL—2,000 sks, Snow Brokerage Co, California, Manila
DEGRAS—19 dms, L H Butcher & Co, Pacific Grove, Manchester
FULLER'S EARTH—200 sks, L A Salomon & Bro, Nebraska, London (for Oakland)
GINGER ROOT—1 crt, Maiolo, Honolulu
2 cs, Lurline, Honolulu
79 pkgs, President Cleveland, Hongkong
GLUE, GELATIN, POWD—5 bbls, Chas M Lee Co, Nebraska, Rotterdam
GUM, COPAL—14 sks, Nebraska, London
ELEMI—135 cs, California, Manila
INK—5 cs, Kwong Kee Chan, President Cleveland, Hongkong
5 cs, Kwong Yick, President Cleveland, Hongkong
IRON OXIDE—20 csks, Joseph A McNulty, Pacific Grove, Manchester
LARD, VEGETABLE — 400 tins, David B Berelson, President Cleveland, Manila
LINSEED MEAL—2,000 sks, Admiral Nulton, Kobe
MARGARIN, VEGETABLE — 700 cs, David B Berelson, President Cleveland, Manila
500 cs, M S Cowen Co, President Cleveland, Manila
MEDICINAL PREPS — 36 cs, Hi Wo Hong, President Cleveland, Hongkong
4 cs, Ti Hang Lung & Co, President Cleveland, Hongkong
6 cs, Kwong Kee Chan, President Cleveland, Hongkong
45 pkgs, Chun Wo Tong, President Cleveland, Hongkong
19 cs, Chan & Chan, President Cleveland, Hongkong
17 cs, Bock Too Hong, President Cleveland, Hongkong
MOLASSES—2,010,000 lbs, Maliko, Port Allen
1,000,000 lbs, Golden Bear, Honolulu
540,000 lbs, Maunawili, Honolulu
730 tons, Maunawili, Hilo
800 tons, Manoa, Hilo
OIL, CORN, DEODORIZED—200 dms, Nebraska, London
PEANUT—30 cs, Sing Chong, President Cleveland, Hongkong
30 cs, Fung Chong, President Cleveland, Hongkong
110 cs, Ti Hang Lung & Co, President Cleveland, Hongkong
80 cs, President Cleveland, Hongkong
PEATMOSS—600 bls, Peat Import Corp, Portland, Bremen
1,300 bls, Peat Import Corp, Portland, Bremen (for Oakland)
150 bls, Sherman T Blake, Pacific Grove, Glasgow
POLISH, BOOT—4 cs, Anglo-California Natl Bank, Pacific Grove, Manchester
SARDINE MEAL—14,000 sks, Admiral Nulton, Kobe (for Oakland)
SESAME SEED—90 sks, Wah Young Co, President Cleveland, Hongkong
SODA CYANIDE—500 dms, American Cyanamid & Chemical Corp, Nebraska, Rotterdam
320 dms, American Cyanamid & Chemical Corp, Nebraska, Rotterdam (for Oakland)
SUPERPHOSPHATE — 1,089 sks, Nebraska, Rotterdam
400 sks, Nebraska, Rotterdam (for Oakland)
THIOCRESOL—1 cs, Shell Development Co, Nebraska, Rotterdam

Savannah Imports

AMMONIA SULPHATE—907 tons, Schoharie, Rotterdam
CHEMICALS—260 dms, Schoharie, Rotterdam
CLAY, BLUE—469 bgs, Schoharie, Rotterdam
FERTILIZER, NITROGENOUS—10,702 bgs, Nishmaha, Hull
LEATHER MEAL—1,000 bgs, Schoharie, Rotterdam
SALT, COARSE—1,000 tons, Harmattan, Port Said
CRUSHED—1,000 tons, Harmattan, Port Said
STARCH, POTATO—1,100 bgs, Schoharie, Rotterdam

Seattle Imports

CALCIUM NITRATE—1,300 sks, Wilson & George Meyer & Co, Laurits Swenson, Heroen-Porsgrund
CASSIA—154 bls, Sino Java Hvg, Granville, Batavia
CHEMICALS—200 sks, African Metals Corp, Tacoma, Antwerp
25 bbls, Tacoma, Antwerp
CRYOLITE—250 sks, Tacoma, Antwerp
FERROMANGANESE — 150 tons, Electro Metallurgical Sales Corp, Laurits Swenson, Oslo
GLASS, WINDOW—7 cs, Gracia, Liverpool
IRON OXIDE—25 cks, L H Butcher & Co, Gracia, Liverpool
OIL, CODLIVER—235 dms, Girdwood Shipping Co, Laurits Swenson, Oslo
MINERAL—10 dms, Kuhne Libby Co, Tacoma, Hamburg
PEATMOSS—100 bls, Wilson & George Meyer & Co, Amerika, Copenhagen
200 bls, Peat Import Corp, Tacoma, Bremen
250 bls, Wilson & George Meyer & Co, Laurits Swenson, Oslo
SILVERSAND—200 tons, Balfour, Guthrie & Co, Wyoming, Antwerp
TAR—25 dms, C J Hendry Co, Gracia, Glasgow
WOOD—25 bbls, Mittet Line & Net Co, Laurits Swenson, Oslo
WHITING—3,720 sks, Amerika, Aalborg

Tacoma Imports

BLEACHING POWDER—50 dms, Wilson & George Meyer & Co, Tacoma, Antwerp
CHEMICALS—1,000 sks, African Metals Corpn, Tacoma, Antwerp
OIL, MINERAL—25 dms, Tacoma, Hamburg

Tampa Imports

BONE MEAL—840 bgs, San Mateo, Antwerp
CALCIUM NITRATE—11,200 bgs, Delaware, Menstad
CASTOR MEAL—6,720 bgs, San Mateo, Antwerp
SUPERPHOSPHATE—415 bgs, San Mateo, Antwerp

Exports From U.S. Ports

New York Exports

Clearance Dates

Aquitania, August 17; Atenas, August 11; Atlantida, August 13; Baghdad, August 11; Batory, August 9; Black Falcon, August 10; Blankaholm, August 14; Cerinthus, August 13; Champlain, August 12; Chinese Prince, August 11; Coamo, August 12; Comanchee, August 16; Cristobal, August 10; Cubano, August 11; Excambion, August 13; Exiria, August 14; General M H Sherman, August 10; Gretavale, August 13; Jean Jadot, August 10; Kanikawa, August 10; Kolsnaren, August 7; Manhattan, August 11; Minnequa, August 13; New York, August 13; Nordlys, August 13; Penniand, August 6; Platano, August 13; Samaria, August 6; San Jacinto, August 7; San Juan, August 14; Santa Elena, August 13; Santa Maria, August 6; Sarcoxie, August 14; Scanmail, July 30; Scythia, August 13; Siboney, August 12; Southern Cross, August 14; Tampa, August 5; Tolos, August 14; Transylvania, August 13; Trentino, August 10; Veragua, August 12; Volendam, July 30; Vulcania, August 13

ACETONE—8,300 lbs, Scanmail, Helsingfors
ACID, CHROMIC—4,528 lbs, Baghdad, London
CITRIC, CRYST—65 lbs, Atenas, Bocas Toro
LACTIC—345 lbs, Platano, Porto Barrios
MURIATIC—2,395 lbs, Coamo, Ciudad; 18,500 lbs, Platano, Tela
OXALIC—224 lbs, Platano, Porto Barrios
TARTARIC—2,496 lbs, Toloa, Porto Colombia
ALCOHOL, AMYL—550 gls, Nordlys, Santos
ISOPROPYL—440 gls, Nordlys, Santos
ALUMINA CHLORIDE ANHYDR—5,662 lbs, Excambion, Marseilles
AMMONIA SULPHATE — 506,250 lbs, San Jacinto, Mayaguez
ASPHALT—11,623 lbs, Trentino, Newcastle; 9,911 lbs, San Jacinto, Mayaguez; 59,689 lbs, New York, Hamburg; 11,290 lbs, Vulcania, Ponta Delgada; (Cubano) 930,164 lbs, Rio de Janeiro; 371,333 lbs, Porto Alegre; 74,246 lbs, Exiria, Galatz; 45,410 lbs, Chinese Prince, Manila
SOLID—53,541 lbs, Samaria, Liverpool
BIOLOGICALS—3,404 lbs, Vulcania, Lisbon
BLOOD, DRY—(Scanmail) 44,200 lbs, Kotka; 22,100 lbs, Viipuri
BLUE, ULTRAMARINE — 972 lbs, Atenas, Puntarenas; 11,785 lbs, Southern Cross, Buenos Aires
VITRIOL—17,885 lbs, Santa Maria, Bolivia
CALCIUM, BROMIDE—8,904 lbs, Blankaholm, Gothenburg
CHLORIDE—15,000 lbs, Veragua, Havana
NITRATE—20,400 lbs, Coamo, San Juan
PHOSPHATE—12,000 lbs, Kolsnaren, Malmo
CEMENT, ROOF — 28,018 lbs, New York, Vienna; 3,297 lbs, Kolsnaren, Gothenburg
CHEMICALS—1,800 lbs, Batory, Copenhagen; 6,624 lbs, Samaria, Liverpool; 6,142 lbs, Excambion, Jaffa; 6,460 lbs, Excambion, Jaffa
COMPOUNDED—8,452 lbs, Sarcoxie, Havre
CLAY — 10,000 lbs, Samaria, Liverpool; 33,600 lbs, Kolsnaren, Gothenburg; 45,280 lbs, Baghdad, Hamburg
CLEANER—(General M H Sherman) 76,850 lbs, Honolulu; 2,650 lbs, Hilo
COALTAR—250 lbs, Atenas, Limon
INTERMEDIATES — 1,286 lbs, New York, Hamburg
COLOR, DRY — 1,300 lbs, Nordlys, Buenos Aires
CORN, FLOUR—4,625 lbs, New York, Funchal
SUGAR—30,450 lbs, Manhattan, Hamburg; 4,477 lbs, Sarcoxie, Dunkirk; 1,119 lbs, Stockholm-Gothenburg; 16,215 lbs, Chinese Prince, Shanghai
SYRUP — (General M H Sherman) 31,097 lbs, Honolulu; 2,730 lbs, Hilo; 5,752 lbs, Kahului; (Platano) 757 lbs, Porto Cortes; 1,537 lbs, Porto Barrios; 904 lbs, Chinese Prince, Shanghai
COTTONSEED MEAL — 224,340 lbs, Jean Jadot, Antwerp
DENTIFRICE—6,707 lbs, Volendam, Rotterdam
DEXTRIN—35,120 lbs, Veragua, Havana
DICHLORODIFLUOROMETHANE—5,342 lbs, Nordlys, Buenos Aires; 2,578 lbs, Minnequa, Stockholm; 4,246 lbs, Scanmail, Copenhagen
DYES—3,032 lbs, Manhattan, Hamburg; (Toloa) 1,623 lbs, Guayaquil; 504 lbs, Valparaiso; 9,470 lbs, Nordlys, Rio Janeiro; 2,475 lbs, Gretavale, Lisbon; 2,261 lbs, Tampa, Bombay; 19,876 lbs, Emile Francqui, Antwerp; 11,171 lbs, Penniand, Antwerp; 1,211 lbs, Volendam, Rotterdam; (Scanmail) 684 lbs, Gothenburg; 4,271 lbs, Helsingfors
ETHYL FLUID—220 gls, Sarcoxie, Dunkirk
FERROTITANIUM—20,584 lbs, Trentino, Hull
FERTILIZER—2,640,000 lbs, Chinese Prince, Iloilo
GLASS, PLATE—6,240 lbs, Toloa, Cartagena
WINDOW—2,855 lbs, Platano, Porto Barrios; 6,264 lbs, Veragua, Havana; 1,844 lbs, Toloa, Colon
GLUCOSE, SOLID—(Tampa) 4,502 lbs, Bombay; 692 lbs, Calcutta
GLYCERIN—22,650 lbs, Excambion, Marseilles
GRAPHITE—5,006 lbs, Trentino, Hull
GREASE, LUBRICATING—170,683 lbs, New York, Hamburg; 48,431 lbs, Samaria, Liverpool; (Champlain) 1,864 lbs, Bordeaux; 2,202 lbs, Havre; 2,850 lbs, Kamikawa, Kobe; 6,245 lbs, Blankaholm, Helsingfors; (Trentino) 24,085 lbs, Hull; 66,485 lbs, Newcastle; (Kolsnaren) 3,157 lbs, Norrkoeping; 6,010 lbs, Stockholm; 5,295 lbs, Transylvania, Glasgow; 13,180 lbs, Southern Cross, Rio Janeiro; 151,026 lbs, Sarcoxie, Havre; (Tampa) 2,140 lbs, Rangoon; 4,840 lbs, Calcutta; 3,365 lbs, Emile Francqui, Antwerp; 24,091 lbs, Penniand, Antwerp; 26,172 lbs, Baghdad, London; 4,300 lbs, Volendam, Amsterdam; (Scanmail) 3,922 lbs, Copenhagen; 17,496 lbs, Gdynia; 10,011 lbs, Minnequa, Helsingfors; (Chinese Prince) 7,482 lbs, Hongkong; 8,145 lbs, Shanghai
GUM, BENZOIN—3,399 lbs, Volendam, Amsterdam
INSECTICIDE—504 lbs, Platano, Tela; 49,800 lbs, Southern Cross, Buenos Aires; 11,160 lbs, Tampa, Calcutta
AGRICULTURAL—1,461 lbs, Emile Francqui, Antwerp; 21,600 lbs, Scanmail, Stockholm; 31,600 lbs, Minnequa, Helsingfors
HOUSEHOLD—6,010 lbs, Tampa, Bombay
IRON OXIDE—48,970 lbs, Scythia, Liverpool
ISOBUTYL ACETATE—6,457 lbs, Nordlys, Santos
KEROSENE—(Chinese Prince) 24,000 gls, Manila; 20,000 gls, Hongkong
LACQUER—657 lbs, Blankaholm, Stockholm; 960 lbs, Manhattan, Havre; 4,631 lbs, Southern Cross, Santos; 1,500 lbs, Nordlys, Santos
THINNER—1,045 gls, Excambion, Haifa
LARD—(San Jacinto) 7,900 lbs, Ponce; 3,950 lbs, Mayaguez; 21,000 lbs, Atlantida, Santiago; 55,733 lbs, Vulcania, Trieste; 13,452 lbs, Transylvania; 13,663 lbs, Emile Francqui, Antwerp
LEAD, RED—10,664 lbs, Blankaholm, Gothenburg; 13,073 lbs, Nordlys, Buenos Aires; 1,063 lbs, Toloa, Porto Colombia
WHITE—2,362 lbs, Trentino, Hull
LINSEED CAKE — 673,507 lbs, Manhattan, Havre; 223,759 lbs, Sarcoxie, Havre; 1,858,947 lbs, Jean Jadot, Antwerp; 339,046 lbs, Scanmail, Helsingfors; 518,685 lbs, Baghdad, Hamburg
METAL NAPHTHENATE—9,440 lbs, Scythia, Liverpool
METHYL CHLORIDE—1,129 lbs, Jean Jadot, Antwerp
OIL, COCONUT—1,895 lbs, Coamo, San Juan; 4,964 lbs, Platano, Porto Barrios; 1,880 lbs, Atenas, Limon; 4,812 lbs, Atlantida, Guantanamo
CORN—3,285 lbs, General M H Sherman, Honolulu; 1,410 lbs, San Juan, San Juan
CYLINDER—143,136 gls, Comanchee, London and Manchester
ESSENTIAL—476 lbs, Southern Cross, Buenos Aires
LONG BURNING — 71,477 gls, Comanchee, London and Manchester
LUBRICATING—1,200 gls, Champlain, St Nazaire; (Santa Maria) 1,390 gls, Buenaventura; 3,245 gls, Callao; 1,210 gls, Arica; (Kanikawa) 2,475 gls, Osaka; 20,425 gls, Kobe; (Blankaholm) 26,730 gls, Gothenburg; 435 gls, Stockholm; 210 gls, Helsingborg; 8,650 gls, Copenhagen; 12,239 gls, Black Falcon, Rotterdam; (Trentino) 1,650 gls, Hull; 13,150 gls, Newcastle; 1,100 gls, Aberdeen; (Cerinthus) 1,353 tons, Liverpool; 3,257 tons, London; 547 tons, Antwerp; (Platano) 1,760 gls, Tela; 4,840 gls, Porto Barrios; 17,655 gls, Siboney, Vera Cruz; (Cristobal) 2,475 gls, San Juan del Sur; 2,165 gls, Cortuco; 627,480 gls, Comanchee, London and Manchester; 30,242 gls, New York, Hamburg; (Manhattan) 12,600 gls, Havre; 3,975 gls, Hamburg; (Kolsnaren) 1,880 gls, Gothenburg; 1,210 gls, Malmo; 1,925 gls, Stockholm; 275 gls, Helsingfors; (Vulcania) 10,015 gls, Algiers; 2,520 gls, Venice; 3,025 gls, Patras; 1,410 gls, Durazzo; 252 gls, Transylvania, Glasgow; (Southern Cross) 9,946 gls, Rio Janeiro; 3,300 gls, Buenos Aires; (Sarcoxie) 33,600 gls, Havre; 165 gls, Lille; 9,030 gls, Dunkirk; 3,850 gls, Toloa, Porto Colombia; (Scythia) 825 gls, Cocanada; 3,685 gls, Calcutta; 1,100 gls, Calicut; 1,540 gls, Madras; 1,760 gls, Digboi; (Cubano) 1,940 gls, Rio Grande; 11,008 gls, Porto Alegre; 2,750 gls, Nordlys, Santos; (Exiria) 630 gls, Malta; 9,075 gls, Piraeus; 808 tons, Istanbul; 3,715 gls, Bourgas; (Excambion) 51,615 gls, Marseilles; 1,650 gls, Philippeville; 2,475 gls, Algiers; 12,705 gls, Alexandria; (Gretavale) 17,130 gls, Lisbon; 3,300 gls, Algiers; 3,300 gls, Oran; 9,400 gls, Haiphong; 16,500 gls, Volendam, Amsterdam; (Scanmail) 825 gls, Gothenburg; 80 gls, Copenhagen; 550 gls, Stockholm; 275 gls, Helsingfors; (Minnequa) 6,050 gls, Gothenburg; 230,404 gls, Copenhagen; 1,148 gls, Stockholm; 843 gls, Helsingfors; (Chinese Prince) 18,015 gls, Manila; 2,950 gls, Hongkong; 8,800 gls, Shanghai; (Tampa) 8,075 gls, Bombay; 3,360 gls, Madras; 3,150 gls, Rangoon; 19,680 gls, Calcutta; 4,027 gls, Jean Jadot, Antwerp; 4,956 gls, Emile Francqui, Antwerp; 20,210 gls, Penniand, Antwerp; (Baghdad) 10,725 gls, London; 85,386 gls, Hamburg
OLEO — (Kolsnaren) 47,316 lbs, Gothenburg; 23,793 lbs, Malmo; 44,839 lbs, Stockholm; 14,410 lbs, Emile Francqui, Antwerp; 11,923 lbs, Volendam, Rotterdam
PALE—252,966 gls, Comanchee, London and Manchester
PALM—24,599 lbs, Volendam, Rotterdam
PEPPERMINT — 1,571 lbs, Trentino, Hull; 1,380 lbs, Manhattan, Hamburg; 1,800 lbs, Volendam, Rotterdam
PINE—1,186 lbs, Veragua, Havana
SOYBEAN—11,300 lbs, Veragua, Havana
VALVE—1,760 gls, Siboney, Vera Cruz
OILCAKE — 229,663 lbs, Trentino, Aberdeen
PAINT—6,420 lbs, San Jacinto, Guanica; 30,669 lbs, General M H Sherman, Honolulu; 4,882 lbs, Coamo, San Juan; 3,347 lbs, San Juan, Ponce; 4,329 lbs, Platano, Porto Barrios; 6,715 lbs, Veragua, Havana; 3,780 lbs, Southern Cross, Rio de Janeiro; 4,800 lbs, Gretavale, Lisbon; 4,140 lbs, Emile Francqui, Antwerp; 2,065 lbs, Scanmail, Copenhagen
PREPARED—3,777 lbs, Platano, Porto Barrios; 1,275 lbs, Scanmail, Stockholm
THINNER—1,705 gls, Tampa, Bombay; 1,100 gls, Emile Francqui, Antwerp
PARAFFIN—(Trentino) 253,584 lbs, Hull; 99,390 lbs, Newcastle; 14,760 lbs, New York, Hamburg; 20,201 lbs, Platano, Guatemala; 73,183 lbs, Transylvania, Glasgow; (Cubano) 35,728 lbs, Porto Alegre; 11,048 lbs, Rio Grande; 4,450 lbs, Nordlys, Santos; 81,193 lbs, Penniand, Antwerp; 747,915 lbs, Baghdad, London; (Minnequa) 7,872 lbs, Gothenburg; 8,919 lbs, Riga; 16,810 lbs, Tampa, Bombay
REFINED—7,944 lbs, Cubano, Rio Grande
SCALE—57,910 lbs, Exiria, Istanbul; 5,169 lbs, Minnequa, Gothenburg
PETROLATUM—31,994 lbs, New York, Hamburg
PETROLEUM, REFD — (San Juan) 27,500 gls, San Juan; 5,000 gls, Ponce; 6,000 gls, Mayaguez
PHENOL—12,644 lbs, Emile Francqui, Antwerp
PITCH, COALTAR—66,235 lbs, Scythia, Liverpool
POTASH, MURIATE—230,184 lbs, Baghdad, London
RESIN—11,734 lbs, Samaria, Liverpool; 4,732 lbs, Minnequa, Gothenburg
SYNTHETIC—69,920 lbs, Samaria, Liverpool; 10,530 lbs, Vulcania, Naples
ROSIN — 7,081 lbs, Kolsnaren, Gothenburg; 4,440 lbs, Scanmail, Gothenburg
SOAP — (General M H Sherman) 4,800 lbs, Honolulu; 8,635 lbs, Hilo; (San Juan) 2,800 lbs, Yabucoa; 34,350 lbs, Ponce; 14,000 lbs, Mayaguez; 17,350 lbs, Guanica
LAUNDRY—(San Juan) 3,938 lbs, Humacao; 2,626 lbs, Mayaguez; 5,650 lbs, Toloa, Belize
TOILET—3,944 lbs, Scanmail, Stockholm
SODA ASH—4,094 lbs, San Jacinto, San Juan; 32,600 lbs, Veragua, Havana; 15,010 lbs, Excambion, Alexandria; 40,880 lbs, Baghdad, Hamburg
BICARBONATE — 5,180 lbs, General M H Sherman, Honolulu; 10,100 lbs, Toloa, Proto Colombia
CAUSTIC—4,800 lbs, General M H Sherman, Honolulu; 90,100 lbs, Veragua, Havana; 7,185 lbs, San Juan, La Romana; 10,780 lbs, Platano, Porto Barrios; (Cubano) 269,436 lbs, Rio de Janeiro; 35,824 lbs, Rio Grande; 308,022 lbs, Nordlys, Buenos Aires; (Excambion) 110,000 lbs, Marseilles; 13,750 lbs, Alexandria; 34,185 lbs, Baghdad, Hamburg; 51,095 lbs, Chinese Prince, Iloilo
CYANIDE—10,148 lbs, Santa Maria, Bolivia
PHOSPHATE—42,880 lbs, Scythia, Liverpool
PHOSPHATE TRI — 33,936 lbs, Aquitania, Southampton
SILICATE—4,015 lbs, Platano, Puerto Barrios; 13,450 lbs, San Juan, La Romana
STARCH—12,120 lbs, Veragua, Havana; 2,730 lbs, Transylvania, Glasgow; 5,168 lbs, Volendam, Rotterdam
STARCH, CORN—(San Jacinto) 28,300 lbs, Ponce; 14,150 lbs, Mayaguez; 3,235 lbs, Kahului; 4,025 lbs, Veragua, Cienfuegos; 2,000 lbs, Atlantida, Santiago; 300 lbs, San Juan, San Juan; 2,100 lbs, Toloa, Kingston; 10,523 lbs, Excambion, Alexandria; 704 lbs, Chinese Prince, Shanghai
TALC—44,800 lbs, Trentino, Hull; 44,800 lbs, Scythia, Liverpool; 113,010 lbs, Baghdad, London; 4,488 lbs, Minnequa, Gothenburg
TANNING EXTRACT — 18,469 lbs, Santa Elena, Mazatlan; 2,440 lbs, Volendam, Amsterdam
MATERIAL—3,025 lbs, Platano, Puerto Barrios
TURPENTINE — 2,500 gls, Nordlys, Buenos Aires
VARNISH—3,282 lbs, Cubano, Rio de Janeiro
WITCH HAZEL EXTRACT—904 lbs, Baghdad, London
ZINC, CHLORIDE — 12,134 lbs, Southern Cross, Buenos Aires

Baltimore Exports

Clearance Dates

Argentino, August 12; Peter Kerr, August 14; Thyra, August 14; Wichita, August 14

GREASE, LUBRICATING—5,500 lbs, Argentino, Montevideo; (Peter Kerr) 4,273 lbs, Cutuco; 2,087 lbs, Acajutla; 3,975 lbs, La Libertad; 1,000 lbs, Valparaiso
INSECTICIDE—101 lbs, Thyra, Aruba

Boston Exports

Clearance Dates

American Merchant, August 15; Black Eagle, August 19; Evangeline, August 18; Excalibur, August 17; Magdapur, August 13; President Hayes, August 16; Saint John, August 15; 17; 20; Scythia, August 15; Zacapa, August 13

ALUMINA, OXIDE—65 bgs, 2 bxs, and 8,544 bgs, 872,031 lbs, Magdapur, London
SULPHATE — 500 bgs, 112,000 lbs, President Hayes, Hongkong
ANIMAL DIP—165 dms, 16,010 gls, President Hayes, Manila
BRISTLES—3 cs, 233 lbs, Saint John, St John, N B
CEMENT, CAN—9 dms, 4,114 lbs, Scythia, Capetown
RUBBER—30 dms, 15 cs, 324 gls, Zacapa, Havana
CHALK, PRECIP—1 dm, 522 lbs, Magdapur, St Austell
CLAY—609 bbls, 74 tons, Magdapur, London
COCOA CAKE — 517 bgs, 76,510 lbs, Black Eagle, Amsterdam
DISINFECTANT, COALTAR — 10 bbls, 500 gls, Zacapa, Havana
DRESSING, LEATHER — 10 cs, 850 lbs, Scythia, Leicester; 6 crtns, 270 lbs, President Hayes, Singapore
SHOE—6 cs, 374 lbs, Zacapa, Havana
GARNET ROCK—4 kgs, 1,403 lbs, Magdapur, London
GLUE — 5 bls, 1,008 lbs, President Hayes, Shanghai
FISH—3 bbls, 174 gls, American Merchant, London
GLYCERIN—10 dms, 11,000 lbs, Black Eagle, Rotterdam
GREASE, LUBRICATING — 1 dm, 236 lbs, Scythia, Liverpool
INK, PRINTING — 6 cs, 730 lbs, Zacapa, Havana
WRITING—13 pkgs, President Hayes, Honolulu
INVALID'S FOOD—18 cs, 428 lbs, Zacapa, Havana
IRON PYRITES CINDERS—1 bbl, 500 lbs, Magdapur, Oxfordshire, Eng
LACQUER — 4 dms, 1,600 lbs, Black Eagle, Wiltz
LINING COMP — (Black Eagle) 1 dm, 572 lbs, Basel, Switz; 2 dms, 1,144 lbs, Antwerp; 1 dm, 572 lbs, Thoune; 10 dms, 4,741 lbs, Rorschach
MEDICINAL PREPS — 5 cs, 112 lbs, President Hayes, Honolulu; 6 straps, 3 cs, Zacapa, Havana
OIL, CREOSOTE—6 bbls, 300 gls, Zacapa, Havana
LUBRICATING—1 cs, 15 gls, Scythia, Liverpool; 15 pkgs, Saint John, St John, N B; 1 cs, 15 gls, Magdapur, London
MACHINE — 4 cs, 6½ gls, President Hayes, Honolulu
TANNERS'—2 dms, 848 lbs, Scythia, Wellingboro, Eng
PAINT—8 crtns, 25 gls, Saint John, St John, N B
PARAFFIN—80 bbls, 16,094 lbs, Magdapur, London
PASTE, ADHES—10 pkgs, 440 lbs, President Hayes, Honolulu
PETROLATUM — 40 bbls, 16,778 lbs, Magdapur, London
PITCH, COALTAR—20 kgs, 2,032 lbs, Zacapa, Havana
POLISH, METAL—4 crtns, 288 lbs, Zacapa, Havana
SHOE—4 cs, 622 lbs, Excalibur, Alexandria; 4 cs, 415 lbs, President Hayes, Manila; (Zacapa) 4 cs, 82 lbs, Panama; 25 pkgs, 984 lbs, Havana
PUTTY—4 dms, 3,818 lbs, President Hayes, Manila
RESIN, SYNTH — 2 bbls, 164 lbs, Magdapur, London
SAND, FIRE—360 bgs, 18 tons, Magdapur, London
SOAP, IQ—1 dm, 10 gls, President Hayes, Honolulu
MEDICATED—2 cs, 315 lbs, President Hayes, Honolulu
POWDER—1 dm, 100 lbs, Saint John, Sydney, N S
TOILET PREPS—1 pkg, Magdapur, London
TURPENTINE, GUM—10 dms, 550 gls, Saint John, St John, N B
WAX—7 bbls, 706 lbs, Evangeline, Yarmouth
SHOE—5 cs, 504 lbs, Zacapa, Havana

Galveston Exports

Clearance Dates

Elmsport, August 11; Gertrud, August 12; Kellerwald, August 11; Kersten Miles, August 11; Lucia C, August 14; Norden, August 16; Rudolph Albrecht, August 16; Sheherazade, August 13; Syros, August 11; Uddeholm, August 16; Volunteer, August 16; West Tacook, August 12

BLACK, CARBON—10 tons, Syros, Havre; 20 tons, West Tacook, Manchester; 1,800 bgs, 83 cs, Lucia C, Trieste; 80 cs, Uddeholm, Copenhagen
CONCENTRATES—42 tons, Syros, Antwerp
OIL, GAS—11,000 tons, Norden, Curacao; 4,500 tons, Rudolph Albrecht, Preston, England
PETROLEUM, CRUDE—1,150 tons, Sheherazade, Havre
SALT—25 tons, Volunteer, Manila
SULPHUR—3,000 tons, Kellerwald, Harburg; 1,250 tons, Elmsport, London; 620 bgs, 200 bbls, Kersten Miles, Hamburg; (Gertrud) 2,000 tons, Buenos Aires; 1,000 tons, Montevideo; (West Tacook) 500 tons, Liverpool; 2,200 tons, Manchester; 500 bgs, Lucia C, Trieste; 45 tons, Uddeholm, Copenhagen
YEAST—1 ton, Volunteer, Kobe

Houston Exports

Clearance Dates

Acavus, August 10; Anubis, August 10; Circle Shell, August 11; Jenny, August 14; Karabagh, August 10; Montello, August 11; Polartank, August 9; Sheherazade, August 11; Sunetta, August 9; Superga, August 16; Syros, August 9; Tabor, August 9; Uddeholm, August 14; West Tacook, August 14; Velma Lykes, August 14

BLACK, CARBON—352 cs, Tabor, Gothenburg; (Syros) 200 cs, 5,678 bgs, Havre; 2,688 bgs, Atwerp; 150 cs, 400 bgs, Montello, Genoa; 10 cs, Velma Lykes, Cristobal; (West Tacook) 6,680 bgs, 10 cs, Liverpool; 623 bgs, 70 cs, Manchester; 13,476 bgs, Liverpool-Manchester; 52 tons, Uddeholm, Gdyia
GASOLINE, CASINGHEAD—10,600 tons, Acavus, Montreal
LUBRICANTS—178 pkgs, Tabor, Oslo; (Velma Lykes) 30 tons, Havana; 5 tons, Cartagena
OIL, GAS—10,000 tons, Polartank, Hamburg; 10,100 tons, Karabagh, Holland; 500 tons, Uddeholm, Malmo; 6,000 tons, Superga, Hamburg
LUBRICATING—70 dms, Syros, Rotterdam; 300 dms, Anubis, Osaka; 6 bbls, West Tacook, Manchester; (Jenny) 1,200 tons, London; 1,300 tons, Bowling; 945 tons, Hamburg
PETROLEUM, CRUDE—11,600 tons, Sunetta, Montreal; 11,500 tons, Circle Shell, Montreal; 17,000 tons, Sheharazade, Havre

Los Angeles Exports

Clearance Dates

Argyll, August 9; Asama, August 2; Atago, August 11; Athelempress, August 6; Capella, August 11; Coya, August 2; Heiyo, August 11; Kingsley, August 9; Hokuroku, August 2; Mina, August 7; Moldanger, August 2; Nansenville, August 2; Nebraska, August 3; Nyhorn, August 5; Pacific President, August 7; Pacific, August 9; Parathenia, August 4; Penrith Castle, August 4; President Cleveland, August 9; President Lincoln, July 30; Rialto, August 9; Rio Janeiro, August 9; San Francisco, August 6; Santa Elena, July 24; Santa Maria, August 13; Seattle, July 29; Sommerville, Toho, August 12; Tornus, August 9; Wairuna, August 5

ACID, BORIC—2,000 bgs, 224,000 lbs, Seattle, Hamburg; 200 bgs, 22,400 lbs, Moldanger, Hull; 1,000 bgs, 112,000 lbs, Nansenville, London; 20 cks, 4,480 lbs, San Francisco, Antwerp
CRESYLIC—730 lbs, President Lincoln, Manila; 2,140 lbs, Coya, Amapala
SULPHURIC—550 lbs, Santa Elena, Bogota
ASPHALT—(Hokuroku) 177 dms, 91,840 lbs, Kobe; 199 dms, 105,280 lbs, Yokohama
BORATE—17,808 bgs, 3,056,990 lbs, Seattle, Hamburg; 1,160 bgs, 170,900 lbs, Rio Janeiro, Osaka; (Nansenville 12,066 pkgs, 2,164,620 lbs, London; 3,747 bgs, 623,390 lbs, Liverpool; (San Francisco) 7,059 bgs, 1,286,200 lbs, Dunkirk; 4,745 bgs, 596,720 lbs, Antwerp; 2,930 bgs, 353,760 lbs, Pacific President, London
BORAX—1,200 bgs, 134,400 lbs, Moldanger, Hull; (President Lincoln) 1,000 bgs, 112,000 lbs, Hongkong; 200 bgs, 22,400 lbs, Shanghai; 720 bgs, 81,250 lbs, Heiyo, Yokahama; (Hokuroku) 200 bgs, 22,300 lbs, Yokahama; 800 sx, 89,200 lbs, Osaka; 4,000 bgs, 448,000 lbs, Nansenville, London; 1,000 bgs, 113,400 lbs, Asama, Yokohama; 594 bgs, 66,300 lbs, Pacifico, Gothenburg; (San Francisco) 900 bgs, 134,400 lbs, Havre; 1,014 bgs, 122,090 lbs, Antwerp
CARBON TETRACHLORIDE—150 lbs, Nebraska, Vancouver
CLAY—200 bgs, 11,200 lbs, Santa Elena, Havana
FILTER—40 bgs, 2,240 lbs, President Cleveland, Manila
GROUND—60 bgs, 6,720 lbs, San Francisco, Paris; (Pacific President) 100 bgs, 11,200 lbs, Manchester; 200 bgs, 22,400 lbs, London
CLEANER — 1,130 lbs, President Lincoln, Shanghai
COTTON LINTERS—150 bls, 93,720 lbs, Pacific President, Glasgow
FILM SCRAP—28,240 lbs, San Francisco, Antwerp
FIRECLAY—22,400 lbs, Argyll, Santa Rosalia
GASOLINE—79,754 bbls, 20,815,790 lbs, Tornus, Auckland and Wellington; 2,000 cs, 87 dms, 203,070 lbs, Argyll, Santa Rosalia; (Coya) 130 dms, 42,800 lbs, Tequcigalpa; 200 dms, 66,030 lbs, Corinto; 1,200 dms, 395,150 lbs, Puntarenas; 8,000 cs, 640,000 lbs, Penrith Castle, Manila; 22,109 bbls, 5,770,450 lbs, Gensen
INFUSORIAL EARTH—(Moldanger) 5 bgs, 400 lbs, Havre; 2224 bgs, 22,400 lbs, Hull; (Santa Elena) 10 bgs, 1,120 lbs, Port Prince; 592 bgs, 59,200 lbs, Supe; 200 bgs, 20,160 lbs, Havana; 287 bgs, 26,880 lbs, Nyhorn, Glasgow; (Nansenville) 110 bgs, 10,980 lbs, Oslo; 210 bgs, 21,000 lbs, Bergen; 133 bgs, 13,440 lbs, London; 413 bgs, 38,080 lbs, Liverpool; 100 bgs, 10,250 lbs, Coya Corinto; (San Francisco) 218 bgs, 22,400 lbs, Denain; 570 bgs, 54,880 lbs, Antwerp; (Pacific President) 493 bgs, 49,280 lbs, Glasgow; 486 bgs, 44,800 lbs, Manchester; 338 bgs, 35,840 lbs, Liverpool; 196 bgs, 20,160 lbs, London
ISO OCTANE—17,961 bbls, 4,687,820 lbs, Tornus, Balik Panan
KEROSENE DISTILLATE—38,929 bbls, 10,977,980 lbs, Joho, Gensen
LACQUER—710 lbs, Coya, Manzanillo
THINNER—880 lbs, Coya, Manzanillo
OIL, DIESEL—35,944 bbls, 11,214,530 lbs, Athelempress, Osaka; (Capella) 28,207 bbls, 8,800,580 lbs, Shanghai; 13,504 bbls, 4,213,250 lbs, Hongkong/Amoy/Foochow; 1,767 bbls, 551,300 lbs, Somerville, Yokohama; (Coya) 20 dms, 7,800 lbs, Tegucigalpa; 216 dms, 84,860 lbs, Puntarenas; 3,328 bbls, 1,038,340 lbs, Wairuna, Wellington; 83,355 bbls, 26,006,760 lbs, Santa Maria, Cristobal; 6,399 bbls, 1,996,480 lbs, Rialto, Genoa/Trieste
FUEL—33,279 bbls, 17,741,910 lbs, Athelempress, Tokio; (Capella) 16,633 bbls, 5,538,790 lbs, Hongkong; 31,953 bbls, 10,640,350 lbs, Shanghai; 22,894 bbls, 7,623,700 lbs, Argyll, Santa Rosalia; 7,800 bbls, 2,597,400 lbs, Kingsley, Vancouver
LEMON—(Nansenville) 1,900 lbs, London; 1,900 lbs, Liverpool; 500 lbs, Atago, Osaka
LINSEED, RAW—46,500 lbs, Santa Elena, Balboa or Cristobal
LUBRICATING—10 cs, 300 lbs, Hakuroku, Yokohamo; (Coya) 6 dms, 3,100 lbs, Tegucigalpa; 33 dms, 17,460 lbs, Punterenas
ORANGE—770 lbs, Moldranger, Rotterdam
ORANGE, DIST—7,750 lbs, Pacific President, London
PEPPERMINT—440 lbs, San Francisco, La Garann

PAINT—940 lbs, President Lincoln, Tourane
PREPARED—1,250 lbs, Argyll, Santa Rosalia; 5,000 lbs, Santa Elena, Balboa or Cristobal; 500 lbs, Rialto, Marseilles
PECTIN, CITROUS—(Nansenville) 3,000 lbs, London; 1,000 lbs, Dublin; 150 lbs, Asama, Yokohama; 1,000 lbs, Pacific President, London
PETROLEUM, CRUDE—28,399 bbls, 8,922,890 lbs, Joho, Gensen
POTASH, MURIATE—1,500 bgs, 330,690 lbs, Heigo, Yokohama; 18,504 bgs, 29,762,100 lbs, Mina, Moji; 2,200 bgs, 485,010 lbs, Hokuroku, Yokohama; 13,340 bgs, 1,102,300 lbs,, Asama, Moji; (Atago) 6,168 bgs, 992,070 lbs, Yokohama; 2,668 bgs, 220,460 lbs, Kobe
SOAP, TOILET—840 lbs, President Lincoln, Manila
SODA ASH—4,200 bgs, 925,930 lbs, Pacifico, Gothenburg
CAUSTIC—50 cs, 2,700 lbs, Penrith Castle, Manila
COMPOUND—2,050 lbs, Coya, Amapala
SULPHITE—(President Lincoln) 1,950 lbs, Manila; 980 lbs, Hongkong
TOILET PREPS—(President Lincoln) 1,400 lbs, Hongkong; 1,810 lbs, Shanghai (Santa Elena) 500 lbs, San Jose; 500 lbs, San Salvador; 600 lbs, Cristobal; 600 lbs, Heigo, Tokio; 800 lbs, Asama, Tokio; (Kimakawa) 500 lbs, San Jose; 300 lbs, Lima

Mobile Exports
Clearance Dates

Lundby, August 11; Vestvangen, August 16

BARYTES—400 tons, Vestvangen, Port of Spain
OIL, PINE—100 dms, Lundby, Vancouver
PETROLEUM—65 dms, Lundby, Vancouver
PINETAR—10 dms, Lundby, Vancouver
ROSIN, GUM—328 dms, Lundby, Vancouver
WOOD—(Lundby) 1 dm, Vancouver; 1,000 bbls, Ocean Falls
SCOURING, COMP—25 cs, Vestvangen, Georgetown
TURPENTINE, GUM—105 dms, Ludby, Vancouver
ROSIN—107 pkgs, Vestvangen, Kingston

New Orleans Exports
Clearance Dates

American Press, August 16; Baja California, July 23; Burgerdijk, August 14; Caloria, August 3; Frontenac, August 14; Gansfjord, August 6; Helle, August 7; Ida Z O, August 3; Lucia C, August 9; Lysefjord, August 5; Metapan, August 3; Miraflores, August 4; Olancho, August 5; Port Antonio, July 22; Santa Marta, July 27; August 6; Sinaloa, July 16; 30; Sixaola, July 23; Smaragd, July 28; Tivives, July 20, July 30; Vestvangen, August 14; West Hobomac, August 13

ASPHALT—12 tons, American Press, Rotterdam; 1,350 dms, Santa Marta, Puerto Limon; 10 tons, West Hobomac, Liverpool
BAKING POWDER—150 ctns, Santa Marta, Tela
BENTONITE — 27 tons, American Press, Antwerp
BLACK, CARBON—(Burgerdijk) 27 tons, London; 18 tons, Rotterdam; 5 tons, Glasgow; (American Press) 61 tons, Havre; 1 ton, Antwerp; 15 tons, West Hobomac, Manchester
BLUE VITRIOL—6,509 tons, Lysefjord, Tela
BONEMEAL—5 sx, Tivives, Panama
CALCIMINE — 1 ton, Port Antonio, Santiago
CALCIUM ARSENATE — 2 tons, Tivives, La Union; 2 tons, Santa Marta, La Union
CLAY—160 sx, Tivives, Puerto Colombia; 2 tons, Sixaola, Puerto Columbia
GROUND—27 tons, Burgerdijk, London
COMPOUND, SCOURING—2 tons, Gansfjord, Kingston
COTTONSEED, PULP — 49 tons, American Press, Rotterdam; 136 tons, West Hobomac, Manchester
DRUGS—1 ton, Tivives, Havana
FIRECLAY—2 tons, Tivives, Callao; 75 tons, Sixaola, Havana; 12 tons, Santa Marta, Corinto
FULLER'S EARTH—80 sx, Tivives, Callao
GASOLINE—112 dms, 10 cs, Sinaloa, Bluefields; (Port Antonio) 50 cs, Belize; 250 bbls, 5 dms, Puerto Barrios; 50 cs, 10 dms, Livingston; 50 cs, 15 dms, Baja California, Bluefields; (Gansfjord) 375 dms, 100 bbls, 500 cs, Puerto Barrios; 25 dms, Livingston; 300 cs, 110 dms, Puerto Cortez; 6 dms, Miraflores, Alvaro Obregon; (Lysefjord) 20 cs, Belize; 400 dms, Tela
GLUCOSE, BLEACHED — 17 tons, Burgerdijk, London; 5 tons, Santa Marta, Panama City
GREASE, LUBRICATING—20 cs, 10 kgs, Sixaola, Panama City; 6 hlf dms, Metapan, Belize
INFUSORIAL EARTH—500 sx, Tivives, Havana
INK—31 dms, Santa Marta, Havana
INSECTICIDE, LIQ—1 ton, Sixaola, Corinto; 20 dms, Santa Marta, Corinto
KEROSENE—80 dms, 140 cs, Sinaloa, Bluefields; 70 cs, 5 dms, Port Antonio, Livingston; 100 cs, Baja California, Bluefields; 28 dms, 30 ctns, Tivives, Puerto Limon; 24 dms, Santa Marta, Puerto Limon; 75 cs, Vestvangen, Moengo; 8 dms, Miraflores, Alvaro Obregon; 50 cs, Metapan, Puerto Barrios; (Lysefjord) 100 cs, Belize; 200 cs, Puerto Castilla; 100 cs, 25 dms, Tela
LARD—(Port Antonio) 500 dms, 100 crtns, Santiago; 100 tins, Belize; 160 tins, Baja California, Bluefields; 15 tcs, 100 dms, Smaragd, Santiago; (Tivives) 200 tins, Puerto Barrios; 1,320 dms, 700 tins, Havana; 260 tins, Panama; 100 tins, Puerto Limon; 150 tins, Puerto Armuelles; 1,250 dms, 504 tins, Sixaola, Havana; (Santa Marta) 300 tins, Puerto Barrios; 325 dms, 65 crts, 1,382 tins, Havana; 115 crts, Vestvangen, Port of Spain; 50 cs, Metapan, Puerto Barrios; (Olancho) 150 dms, Guantanamo; 254 dms, 50 crts, 500 tins, Santiago
LEAD, RED—15 tons, Tivives, Cristobal
LIME—2,427 sx, Gansfjord, Kingston
OIL, COTTONSEED—150 dms, Tivives, Cristobal; 150 cs, 25 dms, Santa Marta, Havana
FUEL—20 dms, Baja California, Bluefields; 125 dms, Santa Marta, Puerto Barrios; 100 dms, Sinaloa, Bluefields; 889 bbls, Vestvangen, Moengo; 30,000 bbls, Caloria, Ceiba; 100 dms, Metapan, Puerto Cortez; 25 dms, Gansfjord, Livingston
LINSEED—5 dms, Port Antonio, Belize
LUBRICATING—12 dms, Sinaloa, Bluefields; 22 dms, Baja California, Bluefields; (Laura C) 120 dms, Istanbul; 676 tons, Venice; 350 bbls, Ida Z O, Genoa; (Burgerdijk) 69 tons, London; 271 tons, Antwerp; (American Press) 89 tons, Havre; 13 tons, Antwerp; 14 tons, Rotterdam; 30 dms, 190 cs, Sixaola, Panama City; 24 tons, West Hobomac, Liverpool; 10 dms, Miraflores, Alvaro Obregon; 4 dms, Metapan, Belize
PINE—113 dms, Ida Z O, Genoa; 10 dms, Sixaola, Arica
REFINED—50 cs, Port Antonio, Belize; 400 cs, Gansfjord, Puerto Barrios
PAINT—53 pkgs, Hello, Maracaibo; 5 bbls, Smaragd, Kingston; 4 dms, Metapan, Puerto Barrios
PARAFFIN—81 tons, Burgerdijk, London; 106 tons, American Press, Antwerp; 135 tons, West Hobomac, Manchester
PETROLATUM—25 dms, Tivives, Cristobal; 12 tons, Burgerdijk, London
PETROLEUM, CRUDE — 81,000 bbls, Frontenac, Montreal
PINETAR—5 dms, Hello, Maracaibo; 4 dms, Vestvangen, Paramaribo
ROSIN—15 dms, Port Antonio, Santiago; (Tivives) 20 dms, Puerto Limon; 27 bbls, Ilo Peru; 11 tons, American Press, Rotterdam; 25 dms, Sixaola, Pimentel
GUM—115 dms, Tivives, Buenaventura; 20 dms, Sixaola, Buenaventura
WOOD—(Sixaola) 100 dms, Havana; 35 dms, Puerto Limon; 20 dms, Santa Marta, Puerto Limon
SALT—6 tons, Sinaloa, Bluefields; 2 tons, Port Antonio, Santiago; (Tivives) 79 tons, Havana; 60 tons, Cristobal; 40 tons, Sixaola, Havana; (Santa Marta) 1 ton, Tela; 25 tons, Havana; 45 tons, Metapan, Belize; 5 tons, Olancho, Santiago
SHRIMP BRAN—40 sx, Tivives, Cristobal
SOAP—215 ctns, Sinaloa, Bluefields; 1 ton, Baja California, Bluefields
SODA, CAUSTIC—1 ton, Tivives, Cristobal
NITRATE—2,250 sx, Gansfjord, Kingston; 400 sx, Lysefjord, Puerto Castilla
SULPHUR—1,500 tons, West Hobomac, Manchester
TOILET PREPS—37 cs, Helle, Maracaibo
TRIPOLI—225 tons, West Hobomac, Manchester
TURPENTINE—60 cs, 100 dms, Tivives, Havana
UREA—302 sx, Gansfjord, Kingston
WAX—204 sx, Laura C, Istanbul

Norfolk Exports
Clearance Date

City of Baltimore, August 13

MICA, PULV—(City of Baltimore) 50 bgs, 5,050 lbs, Hamburg; 95 bgs, 9,595 lbs, London
OIL, SPEARMINT—1 dm, City of Baltimore, London
POTASH BROMIDE—340 cs, 31,680 lbs, City of Baltimore, London
SODA BROMIDE—100 cs, 26,600 lbs, City of Baltimore, London
TANNING EXTRACT—(City of Baltimore) 60 bbls, 35,590 lbs, London; 38 bgs, 5,700 lbs, Hamburg

Philadelphia Exports
Clearance Dates

Argentino, August 16; Artigas, August 19; Birmania, August 19; Black Tern, August 19; City of Lyons, August 13; Clan Graham, August 14; Exmoor, August 13; Ingria, August 19; Kwanto, August 16; Nagara, August 19; San Lucas, August 17; Scanstates, August 16; Wichita, August 17

ACETONE—12 dms, Argentino, Buenos Aires
ACETYLENE GAS—50 cyls, Wichita, Honolulu
ACID, GLYCERPHOSPHORIC—1 cs, Argentino, Rio de Janeiro
LACTIC—1 crby, Argentino, Rio Janeiro.
PHOSPHORIC—17 crbys, Argentino, Rio Janeiro
ALCOHOL, BUTYL—5 bxs, Wichita, Honolulu
ALUMINA SULPHATE—600 bbls, Wichita, Manila
BARIUM METAL—2 cs, Black Tern, Rotterdam
BENZOL—155 dms, Argentino, Buenos Aires
CALCIUM GLYCEROPHOSPHATE—10 dms, Argentino, Rio de Janeiro
CEMENT, GASKET—55 ctns, City of Lyons, Manila
REFACTORIES—20 dms, Artigas, London
CHEMICALS—1 cs, Argentino, Buenos Aires; 1 cs, Artigas, London
COCOA WASTE—1,935 bgs, Black Tern, Amsterdam
COLOR—1 bbl, Ingria, Casablanca; 1 cs, Argentino, Buenos Aires
COTTON LINTERS—28 bls, Artigas, London; 80 bls, Black Tern, Antwerp
SOFTENER—1 dm, Birmania, Kralove
DYEWOOD EXTRACT—14 bbls, Scanstates, Stockholm
FUEL, ANTI KNOCK COMP—3 dms, Exmoor, Genoa; 2 dms, Ingria, Marseilles
FURFURAL—(Black Tern) 15 dms, Amoniberg; 51 dms, Rotterdam
GAUGE FLUID—3 ctns, City of Lyons, Manila
GREASE, LUBRICATING—1 cs, Kwanto, Kobe; (Argentino) 20 kgs, 50 pls, Santos; 30 dms, Montevideo; 15 dms, Buenos Aires; (Scanstates) 14 bbls, Copenhagen; 1 dm, Helsingfors; 90 bbls, Artigas, London; (Black Tern) 1 bx, Rotterdam; 4 dms, Amsterdam; 5 dms, 5 bbls, Ingria, Lisbon; (San Lucas) 5 dms, Callao; 10 cs, Bogota; 2 dms, Mollendo; (City of Lyons) 56 ctns, 2 bbls, Manila; 10 bbls, Shanghai
LICORICE PASTE—8 cs, Argentino, Rio de Janeiro; (Black Tern) 10 dms, 20 cs, Rotterdam; 30 dms, Antwerp
LINSEED CAKE—(Scanstates) 640 bgs, Copenhagen; 640 bgs, Stockholm; 2,482 bgs, Black Tern, Rotterdam
MANGANESE ORE—170 bgs, Argentino, Buenos Aires; 300 bgs, Wichita, Shanghai
CONCENTRATES—650 bgs, Artigas, London
MEDICINALS—30 ctns, Ingria, Casablanca
NAPHTHOL, YELLOW—1 cs, Argentino, Rio de Janeiro
OIL, ILLUMINATING—40 bbls, Scanstates, Copenhagen
LUBRICATING—(Exmoor) 20 dms, Casablanca; 65 dms, Tangier; 30 dms, 110 bbls, 314 cs, Oran; (Clan Graham) 20 pkgs, Walvis Bay; 1,410 pkgs, East London; 2,629 pkgs, Durban; 1,210 pkgs, Port Elizabeth; 1,180 pkgs, Capetown; 6,937 pkgs, Lourenco Marques; 700 pkgs, Beira; (Kwanto) 80 dms, Osaka; 10 dms, Kobe; (Argentino) 230 dms, 253 cs, Santos; 60 dms, 46 cs, Montevideo; 240 dms, 50 cs, 70 pkgs, Buenos Aires; (Scanstates) 56 dms, 155 ctns; Gothenburg; 65 dms, 300 bbls, Copenhagen; 20 pkgs, Gdynia; 6 dms, 10 pkgs, Helsingfors; (Wichita) 782 pkgs, Saigon; 9 pkgs, Haiphong; 301 bbls, Artigas, London; (Black Tern) 5 pkgs, 25 dms, Rotterdam; 430 bbls, 3 cs, Antwerp; (Birmania) 639 pkgs, Bos Brod; 11 dms, Genoa; 40 dms, Durazzo; (Ingria) 64 pkgs, Loanda; 10 pkgs, Dehouria; 151 pkgs, Leixoes; 2,550 pkgs, Lisbon; 144 dms, 1,235 pkgs, Casablanca; 128 pkgs, Oudjdi; 16 pkgs, Gibraltar; 70 bbls, 1,452 pkgs, Marseilles; 2 pkgs, Tunis; (Nagara) 150 dms, 1 cs, 640 pkgs, Yokohama; 240 pkgs, Dairen; 70 pkgs, Moji; 70 pkgs, 270 dms, Kobe; (San Lucas) 55 dms, 25 dms, Callao; 15 dms, Pereira; 250 dms, 5 cs, Bogota; 5 dms, Puerto Colombia; 65 dms, Cuneco; 2 dms, Mollendo; (City of Lyons) 641 dms, 560 cs, 23 ctns, Manila; 130 dms, 346 cs,
OIL, LUBRICATING (Continued):—
Cebu; 172 dms, 120 cs, Iloilo; 632 dms, 5 cs, Hongkong; 40 dms, 50 cs, Shanghai
MEDICINAL—5 dms, Black Tern, Rotterdam
NEATSFOOT—7 dms, Kwanto, Yokohama; 3 bbls, Black Tern, Amsterdam
PAINT—20 ctns, City of Lyons, Manila
PARAFFIN—415 bbls, Black Tern, Antwerp; 455 bgs, San Lucas, Guayaquil; 166 bbls, City of Lyons, Shanghai
REFINED—20 bgs, Scanstates, Gothenburg; 50 bgs, Black Tern, Amsterdam; 918 bgs, Nagara, Dairen; 910 bgs, City of Lyons, Hongkong
POLISH, AUTO—1 ctn, City of Lyons, Manila
METAL—5 dms, Kwanto, Yokohama
RESIN, COALTAR—22 dms, Artigas, Hull
RUTILE—(Black Tern) 4 dms, Rotterdam; 53 dms, Antwerp
SAND, FILTER—(Kwanto) 702 bgs, Yokohama; 40 dms, 192 bgs, Kobe
SODIUM GLYCEROPHOSPHATE — 13 dms, Argentino, Rio de Janeiro
SOLVENT, COALTAR—12 dms, Argentino, Buenos Aires
PETROLEUM—(Argentino) 200 dms, Santos; 50 dms, Buenos Aires
STRYCHINE AKALOID—1 cs, Argentino, Rio de Janeiro
TALC—44 bgs, Birmania, Trieste
TUNGSTEN—1 bx, Black Tern, Rotterdam

San Francisco Exports
Clearance Dates

Admiral Y S Williams, August 5; Asama, August 4; Bralanta, August 9; Chiriqui, August 6; District of Columbia, August 7; Egyptian Reefer, August 6; Leikanger, August 10; Leiv Eiriksson, August 7; Pacific, August 7; Pacific President, August 5; Pegasus, August 5; President Lincoln, August 7; Rialto, August 6; San Francisco, August 4; Santa Rosa, August 5; Toa, August 3; Wairuna, August 2

ACETATE, BUTYL—20 dms, Leikanger, Argentina
ACETONE—37 dms, San Francisco, Belgium; 308 dms, Pacific, Stockholm
ACETYLENE—5 cyls, Wairuna, Papeete
ACID, BORIC—15 kgs, 5 bbls, President Lincoln, Manila
SULPHURIC—2 crbys, Wairuna, Papeete
ALCOHOL, BUTYL—10 dms, Leikager, Argentina
DENATURED—3 cs, 4 dms, Wairuna, Papeete
AMMONIA, ANHYDR—(President Lincoln) 45 cyls, Manila; 51 cyls, Shanghai
APRICOT KERNELS—150 cks, Pacific President, United Kingdom; 10 cs, President Lincoln, Yokohama
ASPHALT—263 dms, President Lincoln, Shanghai
EMULSIFIED—350 dms, Wairuna, Papeete
GILSONITE — (San Francisco) 235 sks, France; 20 sks, Colombia
BORAX—2 cs, Wairuna, Papeete; 20 kgs, 20 bbls, President Lincoln, Manila
GLASS—400 cs, President Lincoln, Manila
CALCIMINE—2 cs, 13 kgs, Santa Rosa, Quito
CARBON—63 cs, President Lincoln, Yokohama
CASEIN—20 sks, President Lincoln, Yokohama
CHEMICALS—1 dm, Santa Rosa, Quito
CHLORINE BLEACH, LIQ—56 cs, Wairuna, Papeete; 5 cs, President Lincoln, Shanghai
CINNAMON—4 bbls, Santa Rosa, Buenaventura
CLEANER—10 cs, Wairuna, Papeete; 1 cs, President Lincoln, Shanghai
LIQUID—15 cs, District of Columbia, Vancouver
CLEANSER, HOUSEHOLD—5 cs, Wairuna, Papeete; 5 cs, President Lincoln, Manila
CLOVES—4 sks, Santa Rosa, Buenaventura
COALTAR—(Santa Rosa) 10 dms, La Libertad; 1 dm, Mazatlan; 2 cs, Wairuna, Papeete
COLOR, BUTTER—1 cs, President Lincoln, Shanghai
DRY—30 kgs, President Lincoln, Manila
FOOD—1 cs, President Lincoln, Shanghai
COPRA—1,274 sks, Rialto, Colombia
DENTRIFICE—1 cs, Wairuna, Papeete
DRESSING, BELT—1 cs, Santa Rosa, Huanuni
DRUGS—(President Lincoln) 21 cs, Philippine Islands; 30 cs, Shanghai; 20 cs, Hongkong; 14 cs, Manila; 7 cs, Yokohama
ENAMEL—2 cs, Wairuna, Papeete
FILTER PAPER—1 cs, President Lincoln, Manila
GAS, COMP — 15 cyls, President Lincoln, Shanghai
GASOLINE—390 cs, 826 dms, Wairuna, Papeete; 25 dms, 8,200 bbls, District of Columbia, Vancouver
AVIATION—18,589 bbls, Pegasus, Shanghai
GLAUBER'S SALT—60 bbls, Egyptian Reefer, Turkey
GREASE, AXLE—4 cs, Wairuna, Papeete
CUP—6 cs, Wairuna, Papeete
LUBRICATING—10 cs, Wairuna, Papeete; 20 dms, President Lincoln, Dairen; 227 cs, 2 half dms, District of Columbia, Vancouver
GUM, COPAL—1 sk, San Francisco, Belgium
ELEMI—32 cs, Santa Rosa, Havana
MASTIC—2 dms, President Lincoln, Manila
GYPSUM—20 sks, Santa Rosa, Guayaquil
INK, PRINTING—(President Lincoln) 3 bbls, Hongkong; 45 pls, 20 dms, 3 cs, Shanghai; 5 dms, 7 cs, Manila
INSECTICIDE, AGRIC—1 cs, Wairuna, Papeete
KEROSENE—750 cs, Wairuna, Papeete
LACQUER—30 kgs, 3 dms, President Lincoln, Manila
THINNER—5 dms, President Lincoln, Manila
LEAD, RED, DRY—10 kgs, Santa Rosa, La Libertad; (President Lincoln) 200 kgs, Manila; 8 dms, Hongkong
LIGHTER FLUID—20 cs, District of Columbia, Vancouver
LITHARGE, DRY—10 kgs, Santa Rosa, Mazatlan; 8 dms, President Lincoln, Hongkong
LOGWOOD EXTRACT—4 cs, President Lincoln, Hongkong
LYE—8 cs, Wairuna, Papeete
MEDICINAL PREPS—4 cs, Wairuna, Papeete; 52 cs, President Lincoln, Shanghai
MILK POWDER—10 bbls, President Lincoln, Osaka
MOLYBDENUM CONCE—114 dms, San Francisco, Belgium
OCHER, SYNTHETIC—185 bbls, President Lincoln, Osaka
OIL—3 cs, Santa Rosa, Quito
AXEL—2,993 bbls, Pegasus, Shanghai
CHINAWOOD—119 dms, Leikanger, Argentina
CITRONELLA—1 cs, Wairuna, Papeete
OIL, COCONUT—18 dms, Chiriqui, Puerto Armuelles
DIESEL—20 dms, Wairuna, Papeete; 28,064 bbls, Toa, Kawasaki; 98,224 bbls, Leiv Eiriksson, Japan; (Bralanta) 42,096 bbls, Osaka; 24,556 bbls, Hakodate
ENGINE—2 pls, Wairuna, Papeete
FISH, HARD—31 sks, Santa Rosa, Panama
FLOOR—1 dm, Santa Rosa, Quito
FUEL—(Bralanta) 19,686 bbls, Osaka; 9,843 bbls, Hakodate
INSTRUMENT—1 dm, President Lincoln, Manila
LINSEED—22 kgs, 44 cs, Wairuna, Papeete; 1 pl, 3 dms, President Lincoln, Shanghai
LUBRICATING—28 dms, Wairuna, Papeete; 1 cs, Asama, Yokohama; (Pegasus) 12,725 bbls, Shanghai; 6,147 bbls, Hongkong; 39 dms, 10 cs, Santa Rosa, San Jose de Guatemala; (President Lincoln) 100 dms, Kobe; 30 dms, 1 cs, Manila; 390 dms, 1 cs, Shanghai; 50 dms, Cebu; 744 dms, 40 pls, 341 cs, District of Columbia, Vancouver
MACHINE—4 cs, Wairuna, Papeete
MOTOR—13 dms, Wairuna, Papeete
SOAP—40 dms, Chiriqui, Colon
TRANSFORMER—(President Lincoln) 3 dms, Manila; 1 cs, Shanghai
WINTERGREEN — 1 cs, Santa Rosa, Guatemala City
OXYGEN—6 cyls, Wairuna, Papeete; 8 cyls, Chiriqui, Puerto Armuelles
PAINT — 7 kgs, 73 cs, Wairuna, Papeete; (Santa Rosa) 6 cs, Quito; 3 cs, Puerto Cabello; 166 cs, Bogota; 166 cs, Cali; (President Lincoln) 14 kgs, 23 cs, Banghok; 45 pls, 115 cs, Manila
ALUMINUM—1 cs, Wairuna, Papeete; 44 cs, Santa Rosa, Puerto Cabello
ASPHALT—5 cs, Santa Rosa, Puerto Cabello
COPPER—1 cs, Wairuna, Papeete
PASTE—9 cs, Wairuna, Papeete
PREPARED—54 cs, Wairuna, Papeete; 100 kgs, President Lincoln, Manila
THINNER—1 dm, Santa Rosa, Quito
PETROLEUM—72 dms, District of Colombia, Vancouver
CRUDE—30,400 bbls, Toa, Kawasaki
REFINED — 20 dms, District of Colombia, Vancouver; (Pegasus) 51,536 bbls, Hongkong; 17,178 bbls, Amoy
POLISH, AUTO—11 cs, Wairuna, Papeete
METAL—2 cs, Wairuna, Papeete
SHOE—4 cs, Wairuna, Papeete; 4 cs, President Lincoln, Manila
STOVE—1 cs, Wairuna, Papeete
POTASH XANTHATE—80 dms, Rialto, Cyprus; 112 dms, Pacific, Stockholm
PUTTY—5 cs, Wairuna, Papeete; 9 cs, President Lincoln, Manila
PYRETHRUM EXTRACT—1 cs, Santa Rosa, Guatemala City
SALT—700 sks, 2 cs, 88 pkgs, 94 bls, Wairuna, Papeete; (Asama) 200 sks, Yokohama; 110 sks, 30 cs, Hongkong; 80 sks, President Lincoln, Manila
SESAME SEED—12,000 sks, Rialto, Italy
SHELLAC—7 cs, Santa Rosa, Quito
SOAP—4 cs, Wairuna, Papeete; 20 cs, President Lincoln, Shanghai
FLAKE—2 cs, President Lincoln, Shanghai
LAUNDRY—5 cs, President Lincoln, Shanghai
SCOURING—3 cs, Wairuna, Papeete; 5 cs, President Lincoln, Shanghai
TOILET—15 cs, Wairuna, Papeete; 7 cs, President Lincoln, Shanghai
SODA ASH—2 sks, Wairuna, Papeete; 3 sks, Santa Rosa, Acajutla; 10 sks, Chiriqui, Colon
CARBONATE—2 sks, Wairuna, Papeete
CAUSTIC—4 dms, Wairuna, Papeete; 1 dm, Santa Rosa, Acajutla; 2 dms, Chiriqui, Colon
NITRATE—40 sks, Wairuna, Papeete
SAL—4 kegs, 4 sks, Wairuna, Papeete
SILICATE—5 dms, Chiriqui, Colon; 334 sks, President Lincoln, Shanghai
SOLVENT—185 dms, San Francisco, France
BATHROOM—10 cs, President Lincoln, Manila; 5 cs, President Lincoln, Shanghai
STAIN REMOVER—1 cs, President Lincoln, Hongkong; 1 cs, Santa Rosa, Mazatlan
SULPHUR—336 sks, President Lincoln, Hongkong
DIOXIDE—3 cyls, President Lincoln, Saigon
TALLOW—100 dms, Santa Rosa, San Jose de Guatemala
TAPIOCA FLOUR—5 sks, Admiral Y S Williams, Ocean Falls
TOILET PREP'S—7 cs, Wairuna, Papeete; 3 cs, Asama, Yokohama; 1 cs, Chiriqui, Puerto Armuelles; (President Lincoln) 8 cs, Manila; 5 cs, Hongkong
TREE WASH—1 cs, Wairuna, Papeete
TURPENTINE—2 cs, Wairuna, Papeete
VARNISH—12 cs, Wairuna, Papeete; 8 cs, President Lincoln, Hongkong
ASPHALT—(President Lincoln) 1 cs, Canton; 10 cs, Shanghai
WAX—2 cs, Santa Rosa, Quito
AUTO—5 cs, District of Columbia, Vancouver
POLISHING—4 cs, Wairuna, Papeete
ZINC—1 dm, Asama, Osaka
DUST—35 cs, Santa Rosa, Ciudad Bolivar

Savannah Exports
Clearance Dates

Chinese Prince, August 15; General M. H. Sherman, August 14; Llamishen, August 17; Monbaldo, August 16

CLAY—(Llamishan) 220 bgs, Rotterdam; 500 bgs, Bremen; 380 bgs, Hamburg
COTTON LINTERS—(Llamishan) 368 bls, Bremen; 904 lbs, Rotterdam
OIL, PINE—40 dms, Monbaldo, Genoa; 10 dms, Chinese Prince, Manila
ROSIN, GUM—(Llamishen) 1,279 bbls, London; 400 bbls, Hull; 1,937 bbls, Hamburg
TURPENTINE, GUM—(Llamishen) 650 bbls, London; 50 bbls, 86 dms, Rotterdam; 450 bbls, Cork

Tampa Exports
Clearance Dates

Aquarius, August 17; Clara, August 12; General Tosta, August 17; Kuretake, August 14; Myown, August 17; Rhein, August 11; Tatsuha, August 12

GASOLINE—1 dm, General Tosta, Belize; 2 dms, Myown, Trujillo
LARD—3 pls, General Tosta, Cozumel
PHOSPHATE—2,501 tons, Rhein, Niihama 3,252 tons, Clara, Fiume; 8,078 tons, Tatsuha, Yokohama; 6,782 tons, Kuretake Osaka; 2,387 tons, Aquarius, Pernis

Coastwise Shipments

Houston Coast Trade

OIL, FUEL—43,479 bbls, Caloria, Baltimore

Los Angeles Coast Trade

GASOLINE — 67,788 bbls, Lebec, Portland; 3,300 bbls, S & C No. 41, San Diego;
GASOLINE (Continued):—
2,400 bbls, S & C No 2, San Diego; 75,116 bbls, Lojave, San Francisco; 10,44 bbls, Tejon, Portland; 42,248 bbls, Wawick, Portland; 7,199 bbls, Emidio, Portland; 4,205 bbls, S & C No 41, San Dieg
KEROSENE—73,000 bbls, Olney, Fall River
OIL, DIESEL—5,181 bbls, Lebec, Portland
2,460 bbls, Capt A F Lucas, Astoria

Oil, Diesel (Continued):—
3,819 bbls, Tejon, Portland; 1,463 bbls, Warwick, Portland
FUEL—72,995 bbls, La Brea, Oleum; 8,042 bbls, Lebec, Portland; 38,000 bbls, S O No 95, Richmond; 47,454 bbls, Kekoskee, Seattle; 55,634 bbls, Tejon, Portland; 61,013 bbls, Emidio, Portland; 10,228 bbls, Montebello, Oleum; 57,860 bbls, Neches, San Diego
FURNACE—1,987 bbls, Lebec, Portland
PETROLEUM, CRUDE — 67,970 bbls, Montebello, Oleum
SOLVENTS, CLEANING — 6,500 bbls, Olney, Fall River

New Orleans Coast Trade

SULPHUR—3,000 tons, Herman Frasch, Everett

San Francisco Coast Trade

ACID, NAPHTHENIC—6 tons, Hawaiian, Port Newark
ALCOHOL, GRAPE—19 tons, Mexican, New York
ALUMINA SULPHATE — 2,050 sks, Coast Banker, Portland, Ore
APRICOT KERNELS—39 tons, Hawaiian, New York
25 tons, Mexican, New York
41 tons, Harry Luckenbach, New York
18 tons, Harry Luckenbach, Boston
ASPHALT—34 bbls, Nabesna, Portland, Ore
20 tons, West Shipper, Los Angeles
BONE MEAL—500 sks, Wallingford, Seattle
500 sks, Wallingford, Tacoma
CARBON DIOXIDE — 290 cyls, Montanan, Seattle
CASEIN—23 tons, Mexican, Boston
15 tons, Texada, Seattle
600 sks, Chickasaw City, Portland, Maine
CASSIA—154 bls, Point San Pablo, Seattle
CEMENT, LIQUID — 63 dms, Wallingford, Seattle
CHEMICALS—2 cs, President Cleveland, Los Angeles
CHLORINE BLEACH, LIQUID — 1,400 cs, Carolinian, Norfolk
5,000 cs, President Cleveland, New York
CLAY, CALC—23 tons, Mexican, New York
COCONUT, DESIC—100 cs, Jefferson Meyers, Baltimore
75 cs, Jefferson Meyers, Los Angeles
1,094 cs, Mexican, New York
1,679 cs, Santa Rosa, New York
41 cs, President Cleveland, New York
10 cs, President Cleveland, Los Angeles
60 cs, Willmoto, Savannah
COLOR, EARTH — 15 tons, Mexican, New York
CRACKLINGS—500 sks, Nabesna, Portland, Ore
600 sks, Wallingford, Seattle
DRUGS — 181 cs, President Cleveland, New York
EARTH, POWD, DRY—22 tons, Hawaiian, New York
EPSOM SALT—48 tons, Celilo, Los Angeles
FISH MEAL—112 tons, Wind Rush, Albany
157 tons, Wind Rush, Boston
90 tons, Wind Rush, Philadelphia
GASOLINE, AVIATION—2,300 bbls, District of Columbia, Seattle
ETHYL—9,400 bbls, District of Columbia, Seattle
GLUE—42 tons, Harry Luckenbach, Boston
DRY—200 sks, President Cleveland, Boston
GLYCERIN—35 dms, President Cleveland, New York
GUM ELEMI—135 cs, Santa Rosa, New York
HONEY—12 tons, Wind Rush, Philadelphia
405 cs, Wallingford, Seattle
347 cs, Coast Banker, Portland, Ore
39 tons, Hawaiian, New York
INSECTICIDE, DRY—8 cs, Montanan, Seattle
23 cs, Montanan, Tacoma
LARD SUBSTITUTE—70 dms, 35 bbls, Nabesna, Portland, Ore
MAGNESIA HYDROXIDE—2 dms, Point Caleta, Corpus Christi
MELILOTUS INDICA—540 sks, Point Caleta, New Orleans
MILK POWDER—25 tons, Jefferson Meyers, Norfolk
16 tons, Mexican, New York
25 tons, Mexican, Philadelphia
80 bbls, Edward Luckenbach, Portland, Ore
55,250 lbs, Chickasaw City, Boston
36,465 lbs, Chickasaw City, Portland, Maine
SUGAR—25 tons, Hawaiian, Philadelphia
MINERALS—400 sks, Point San Pablo, Seattle
NAPHTHA—15 tons, Hawaiian, Philadelphia
OIL—5 dms, Montanan, Seattle
100 bbls, Nabesna, Portland, Ore
165 bbls, Wallingford, Seattle
ESSENTIAL—8 tons, Harry Luckenbach, New York
FUEL—1,300 bbls, District of Columbia, Seattle
LUBRICATING—25 tons, Carolinian, Baltimore
125 dms, Santa Rosa, New York
113 tons, Celilo, Los Angeles
65 dms, Wallingford, Seattle
100 dms, Point Caleta, Houston
PAINT—647 pkgs, Nabesna, Portland, Ore
15 tons, Celilo, Los Angeles
15 tons, Texada, Tacoma
15 tons, Texada, Seattle
23 pkgs, President Cleveland, Los Angeles
DRIER—14 tons, Wind Rush, Philadelphia
22 tons, Wind Rush, New York
22 tons, Harry Luckenbach, New York
PETROLEUM GAS, LIQ — 40 tons, Texada, Seattle
PRODUCTS — 200 tons, Wallingford, Point Wells
PRUNE CONCENTRATE — 6 tons, Mexican, Port Newark
SALT—361 sks, Point San Pablo, Seattle
2,097 pkgs, Point San Pablo, Olympia
500 pkgs, Wallingford, Seattle
42 tons, Texada, Tacoma
20 tons, Texada, Seattle
2,088 sks, 1,229 pkgs, West Shipper, Portland, Ore
SOAP—780 cs, Point San Pablo, Tacoma
800 pkgs, West Shipper, Portland, Ore
9 cs, President Cleveland, Boston
SODA HYPOSULPHITE—500 sks, Wallingford, Tacoma
PHOSPHATE—282 pkgs, Nabesna, Portland, Ore
SILICATE—17 tons, Celilo, Los Angeles
200 sks, Wallingford, Seattle
400 sks, Wallingford, Tacoma
18 tons, Texada, Seattle
SOLDER DROSS—13 tons, Harry Luckenbach, New York
SUNFLOWER SEED—21 tons, Harry Luckenbach, New York
TAR—42 tons, Texada, Tacoma
TOILET PREPS—2 cs, President Cleveland, New York
1 cs, President Cleveland, Los Angeles
34 pkgs, Point Caleta, New Orleans
WHEY—18 tons, Willmoto, Savannah
ZINC HYDROSULPHITE—300 dms, President Cleveland, New York

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended August 25

Aloe, 19 cases; not U.S.P.
Cassia oil, 10 drums; not U.S.P.
Chillies, 484 bags; filthy.
Codliver oil, 43 drums; not U.S.P.
Codoil, technical, 500 casks; restricted use.
Cumin seed, 110 bags; filthy.
Gentian Root, 79 bags; excessive moisture.
Gum benzoin, 3 cases; U.S.P. test for rosin positive.
Mace, 10 cases; filthy.
Medicinal preparations, 3 cases; false therapeutic claims.
Nutmegs, 25 cases; moldy and wormy.

Baltimore

Week Ended August 25

Sesame, seed, 110 bags; insect infestation.

Boston

Week Ended August 25

Medicinal preparation, 1 case; false therapeutic claims.
Nutmegs, 32 cases; moldy and wormy.

Buffalo

Week Ended August 25

Medicinal preparation, 1 case; false therapeutic claims.

Philadelphia

Week Ended August 25

Cocoa beans, 134 bags; damaged by water.
Medicinal preparation, 1 case; false therapeutic claims.

San Francisco

Week Ended August 19

Medicinal preparations, 500 pieces; false therapeutic claims.
Medicinal preparations, 120 pieces; contains undeclared phenacetin.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
American Agricultural Chemical Co.	.....	..	$4.00	Sept. 30	Sept. 10
American Chicle Co.	Com.	Q.	$1.00	Sept. 15	Sept. 1
American I. G. Chemical Corp.	B Com.	Id.	30c.	Sept. 15	Sept. 10
American I. G. Chemical Corp.	A Com.	Id.	30c.	Sept. 15	Sept. 10
Basic Dolomite, Inc.	Com.	Q.	20c.	Sept. 15	Sept. 1
Buckeye Pipe Line Co.	.....	..	$1.00	Sept. 15	Aug. 27
Calumet & Hecla Consol. Copper Co.	.....	..	35c.	Sept. 16	Sept. 1
Canada Starch Co.	Pfd.	S.	$3.50	.....	.....
Chesebrough Mfg. Co.	.....	Q.	$1.00	Sept. 30	Sept. 10
Chesebrough Mfg. Co.	.....	Ext.	50c.	Sept. 30	Sept. 10
Compressed Industrial Gases	.....	Q.	50c.	Sept. 15	Sept. 4
Congoleum-Nairn Co.	Com.	Q.	50c.	Sept. 15	Sept. 1
Consolidated Rendering Co.	Com.	..	$1.00	Sept. 7	Aug. 27
Devonian Oil Co.	Com.	Q.	25c.	Sept. 15	Aug. 31
Devonian Oil Co.	Com.	Ext.	25c.	Sept. 15	Aug. 31
El Dorado Oil Works	.....	..	40c.	Aug. 31	Aug. 21
El Paso Natural Gas Co.	Pfd.	Q.	$1.75	Sept. 1	Aug. 21
Federal Mining & Smelting Co.	Pfd.	Q.	$1.75	Sept. 15	Aug. 27
Fohs Oil Co.	.....	..	$1.00	Sept. 15	Sept. 1
Freeport Sulphur Co.	Pfd.	Q.	$1.50	Oct. 15	Sept. 1
General Plastics, Inc.	Com.	..	$1.00	Aug. 27	Aug. 9
General Plastics, Inc.	7% pfd.	..	$1.75	Aug. 16	Aug. 9
General Plastics, Inc.	6% pfd.	Q.	37½c.	Aug. 16	Aug. 9
Honolulu Oil Corp.	.....	..	25c.	Sept. 15	Sept. 3
Leslie Salt Co.	.....	Q.	50c.	Sept. 15	Aug. 31
Libbey-Owens-Ford Glass Co.	Com.	..	$1.50	Sept. 15	Aug. 31
Masonite Corp.	Com.	Q.	25c.	Sept. 10	Sept. 1
McKesson & Robbins (Md.)	Pfd.	Q.	75c.	Sept. 15	Sept. 1
Magma Copper Co.	.....	..	50c.	Sept. 15	Aug. 27
National Lead Co.	A Pfd.	Q.	$1.75	Sept. 15	Aug. 27
Paraffine Cos.	Com.	..	$1.00	Sept. 21	Sept. 10
Park & Tilford, Inc.	Od.	..	50c.	Sept. 20	Sept. 1
Penick & Ford, Ltd.	Com.	..	25c.	Sept. 15	Sept. 1
Pennsylvania Salt Mfg. Co.	Com.	..	$2.00	Sept. 15	Aug. 31
Petroleum Exploration Co.	.....	Q.	25c.	Sept. 15	Sept. 4
Petroleum Exploration Co.	.....	Ext.	10c.	Sept. 15	Sept. 4
Philadelphia Co.	$6 pfd.	Q.	$1.50	Oct. 1	Sept. 1
Philadelphia Co.	$5 pfd.	Q.	$1.25	Oct. 1	Sept. 1
Pyrene Manufacturing Co.	Com.	..	20c.	Sept. 15	Aug. 31
Quaker State Oil Refining Corp.	Com.	..	25c.	Sept. 1	Aug. 31
Seaboard Oil Co. (Del.)	.....	Q.	25c.	Sept. 15	Sept. 1
Skelly Oil Co.	Com.	..	50c.	Sept. 30	Sept. 1

Essential Oils

Aromatic Chemicals

(Continued from page 44)

Benzyl Alcohol. — Inquiry was fairly good. The movement, while moderate in size, was steady throughout the past week and aided in holding quotations to a well supported, as well as unchanged basis.

Benzyl Benzoate. — Inquiries were fairly numerous but actual sales failed to expand beyond the moderate limits which have been the rule for some time past. Quotations remained steady in all quarters.

Benzyl Formate. — Perfumers were takers in fair sized quantities, sales having gained moderately, according to some suppliers. Pricewise, the market lacked any actual or potential unsettlement as stocks were believed to be insufficient to bring about a more competitive situation.

Benzylidinacetone.—Hand - to - mouth transactions were the general rule. Buyers bought close to actual requirements and their takings made but a moderate volume by the close of the period. Values were steady.

Borneol.—The situation, as to supply, was no better than it had been for a long time past. Holdings were small and restricted to a very few dealers. Prices were firm and, based on the current stocks, could well be higher, according to the trade.

Bromstyrol. — This item was moved steadily and in normal volume throughout the past week. Sellers were aggressive and found numerous opportunities to move fair sized quantities at prices entirely lacking in influences likely to disturb their firm position.

Carvol.—Jobbing business was reported and the quantities moved to consumers made a small volume by the close of last week. However, in the absence of much competition, the market retained a firm undertone and values were well held.

Cinnamic Alcohol.—Competition was fairly brisk and aggressive and prices generally appeared to favor buyers with firm orders in hand. However, production and replacement costs of the item were well maintained and quotations current in recent weeks were lacking in quotable change.

Cinnamic Aldehyde. — Inquiry was steady though mainly for jobbing lots. Buyers' covered their nearby needs for the most part and few were disposed to cover those of the more remote future. Prices were well stabilized and conditions promised continued maintenance at current levels.

Flaxseed Crop Outlook At August 1

The Department of Agriculture estimate of August 1 of the 1937 flaxseed yield is 8,014,000 bushels. This compares with an estimate on July 1 of 7,622,000 bushels, with an estimate on August 1 last year of 6,342,000 bushels, and with a final production last season of 5,908,000 bushels. The increase in the indicated production during July this year was due to improved prospects in North Dakota, which offset declines in some of the less important states.

Details of the August 1 estimate with respect to the several producing states follow:—

	Condition Aug. 1 (percent) Average 1923-32.	1936.	1937.	Production Average 1928-32.	1936.	Indicated 1937.
Michigan	..	68	79	†38,000	60,000	66,000
Wisconsin	85	56	81	79,000	40,000	44,000
Minnesota	79	43	77	6,040,000	4,235,000	4,246,000
Iowa	85	70	84	178,000	80,000	90,000
Missouri	80	28	80	12,000	20,000	28,000
North Dakota	67	13	54	5,944,000	551,000	2,245,000
South Dakota	68	14	53	2,170,000	132,000	270,000
Nebraska	78	10	60	79,000	2,000	5,000
Kansas	*6.3	*4.0	*6.0	241,000	168,000	276,000
Montana	63	22	39	1,149,000	32,000	30,000
California	*..	*14.0	*17.0	.....	588,000	714,000
United States	70.4	31.6	68.1	15,996,000	5,908,000	8,014,000

* Yield per acre. † Short time average.

Fertilizer Materials

Markets at Other Centers

(Continued from page 47)

ing of the Fall shipping season. The current quotations were about as follows:—

FISH SCHAP.—Rains interfered with the operations of the menhaden fleet down the Chesapeake Bay and outside of the Virginia capes. Domestic menhaden meal was $56 per ton.

TANKAGE.—$3.75 and 10c. per unit-ton.

BLOOD.—$3.40 to $3.50 per unit for South American.

SUPERPHOSPHATE.—The quotations on this item during the week took account of the scarcity of acid and were marked up 50 cents per ton, to $8.50 for run of pile, and $9 per ton for 16 percent milled and screened stock, with the inquiry not less active than it has been.

SULPHATE OF AMMONIA.—The one development of the week as to this product was the announcement that stocks not ordered in August will miss the 11 months' discount that has been allowed on the list figure, but with the situation otherwise unchanged.

GARBAGE TANKAGE.—$12 per ton, Baltimore.

BONE.—$32 per ton for 4½ and 50 ground raw and $26 per ton for 3 and 50 ground steamed stocks.

Chicago, Aug. 26.—The market for fertilizer materials was quiet, but mostly tending to modest recessions in value of the various products. Buyers have been leaving the market quite alone for some little time. The result is that, with a fair amount of offerings, sellers have thought it desirable to offer to take slightly reduced prices for their products. Blood was slow, with price levels a little below recently prevailing points. Tankage offerings have been ample, with restricted bids reported. Bone materials have mostly marked time, tone easy.

BLOOD.—Principal grade, $3.20 to $3.30 per unit of ammonia.

TANKAGE.—High grade, $3.10 to $3.30 and 10c.; low grade, $20 to $22; liquid stick, $2.50 to $2.75; hoof meal, $3.50 to $3.60.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $22 to $24; 3 and 50 percent, $25 to $26; 4½ and 50 percent, $29 to $30; grinding hoofs, pigs' toes and waste horn materials, $24 to $26; junk and hotel kitchen bones, $20 to $22; cattle jaws, skulls and knuckles, $34 to $35; pork cracklings, soft pressed, $50 to $55; beef cracklings, soft pressed, $40 to $45; hard pressed cracklings, per unit of protein, 67½c. to 70c.

San Francisco, Aug. 24.—Crude fertilizer materials in general remain steady and last week there were but few features of interest in the market. The trade has purchased just about all the sulphate of ammonia it is going to need for some time, and sellers of the domestic article here declare themselves as sold out until further notice. Meanwhile there is a scattering of business seen in other commodities; some contracting ahead from time to time on the regular groupings of inorganic materials and occasional spot and near-future transactions on animal and fish products. California fish meal, out of the current season's production, turned slightly easier last week, with offerings in the market now at $36.50. There is not much buying at the moment, however. Tankage is a trifle off and blood remains about steady.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $29 per ton; 200-pound bags, $28.30 per ton; bulk, $27 per ton, all ex vessel San Francisco/Oakland.

SULPHATE OF AMMONIA.—Quoted at $32.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles harbor, and $33.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $34.50 per ton. Prices in effect for delivery to end of June, 1938. This schedule also applies to Canadian production.

AMMONIA PHOSPHATE.—Quoted at $41 per ton, single bags; $41.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P. A. Inland points, delivered, $1 per ton extra.

SUPERPHOSPHATE.—Domestic, 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor; bags, 85c. to 90c. per unit. Foreign, nominally 90c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEAL.—California sardine meal for delivery from production out of present season, quoted on the basis of $36.50 per ton, f.o.b. cars, San Francisco/Monterey.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, quoted at $3.25 and 10c. per unit-ton, nominally, f.o.b. cars, Los Angeles. Dry rendered, ground, quoted at 75c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c.

BONE MEAL.—Domestic and imported steamed bone meal, quoted in range according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD MEAL.—Domestic quoted at $3.25 per unit, nominally, f.o.b. cars, Los Angeles.

W. F. Leary, manager of the wax department of William Allison & Co., importer, this city, left August 27 for a vacation tour of the White Mountains. He will stay a few days at New London, Conn.

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SALES RIGHTS to synthetic resins and black lacquer bases available to agents actively contacting the paint manufacturing industry in foreign territories. These materials now being sold in England, Australia, Denmark, Canada, Argentina and Palestine. Customers are furnished detailed manufacturing information, including formulae, to insure successful use. Jones-Dabney Company, Inc., Louisville, Ky.

Equipment Offered

FROM THE $10,000,000 Spreckles liquidation—Three No. 4 Vallez rotary filters; 42-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 150 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant. Consolidated Products-Spreckles Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

PEBBLE MILLS—One, 4, 30, 70, 900 gallons; 300 gallon rubber lined kettle; hard rubber pump; 600 gallon copper jacketed still. Lawler Engineering Co., Durham avenue and L.V.R.R., Metuchen, N.J.

Factories Offered

BRICK FACTORY—High, one-story brick 10,500 sq. ft., concrete floor, railroad siding, live steam 24 hours per day, yard, unrestricted district, 15 minutes to Manhattan; low rent. The R. L. Kraft Company, Woolworth Building. Cort. 7-9377.

Factories Offered

CALCIMINE and whiting factory, located on Long Island City waterfront; approximately 75x230; for rent, including machinery; reasonable. Harry I. Stein, 551 Fifth avenue, New York.

Manufacturing Wanted

PAINT MANUFACTURER with completely equipped plant has capacity in excess of his needs; will consider having other manufacturer use equipment on equitable basis, or we will manufacture for you. Plant located Long Island City. BOX 378, Oil, Paint and Drug Reporter.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Partnership Wanted

PARTNERSHIP WANTED — Established business preferred, in or about metropolitan area of New York, New Jersey, or vicinity; moderate investment. P. O. Box No. 23, Hollis, N. Y.

Positions Vacant

CHEMIST—Well established Philadelphia paint manufacturer, not too big but growing, offers exceptional opportunity to hard working young man with initiative and intelligence. Chemistry essential, paint experience desirable. State age, personal data, education, chronological record of all positions held, work done, salary and reason for change. Confidential. BOX 372, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST, thoroughly experienced in the formulation and application of paints, varnishes and lacquers for industrial and trade sales, to take charge of laboratory for large Eastern manufacturer. State age, education, salary, references and experience in detail. Address D-82. P. O. Box 3571, Philadelphia, Penna.

Positions Wanted

OFFICE WORKER for eastern paint-varnish manufacturer or allied line, thoroughly experienced, head-bookkeeper, accountant, credits, collections, sales and general correspondence, moderate compensation. BOX 344, Oil, Paint and Drug Reporter.

DEVELOPMENT and research chemist, very highest references, seeks responsible position. Has also worked as consulting chemist and as assistant to president. Very broad experience in chemical and allied lines in research, development, production and sales. BOX 365, Oil, Paint and Drug Reporter.

ABLE CHEMIST and chemical engineer, experienced in cellulose industries, textiles, building materials, adhesives, paints, oils, sanitary and biological chemistry, foods and numerous other lines seeks situation in industrial developmental work, in chemical patent work, or with consulting chemists. BOX 366, Oil, Paint and Drug Reporter.

TABLET MAKER with 14 years' experience in the manufacture and coating of tablets desires position with a reliable concern. Age 30 years. Single. Excellent references. BOX 373, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST—Chemical engineer graduate; B.S. 1935; Ch.E. 1936; 6 months edible oil research and plant experience; seeks connection in any field; go anywhere; New York resident. BOX 374, Oil, Paint and Drug Reporter.

MANUFACTURING CHEMIST skilled in the formulation of varnishes and paints to suit industrial demands. BOX 377, Oil, Paint and Drug Reporter.

PAINT AND varnish chemist having eleven years' experience. BOX 376, Oil, Paint and Drug Reporter.

ANALYTICAL and manufacturing chemist experienced in the making of oils, fats, waxes, soaps and chemicals. BOX 375, Oil, Paint and Drug Reporter.

EXPERIENCED MANUFACTURING paint executive, familiar with production, sales and general business management, seeks connection with an established organization located in the East. Best credentials furnished. BOX 379, Oil, Paint and Drug Reporter.

POSITION WANTED by graduate chemist with six years' experience in paint and varnish formulations and supervision in dealer, industrial and maintenance paints. BOX 380, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES. — Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 101A East 19th Street, New York, STuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1,000 gals., some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ¼" to 2" dia.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—28" Tolhurst Extractors, rubber lined baskets.
16—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6" to 42" size.
3—Buffalo 32"x90" Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.
8—Copper and Aluminum Jacketed Kettles, 175 to 400 gals.
9—Roller Mills 3x10 up to 16x40.

Miscellaneous: Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

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With at least five years experience in the formulation and production of enamels and synthetic lacquers. Replies will be treated in strict confidence.

GODFREY L. CABOT, Inc.
77 Franklin Street Boston, Mass.

Obituaries

(Continued from page 30)

and a former vice-president of the A. O. Smith Company. Surviving are his wife, five daughters, and a son.

Mrs. Anna Vos Adams, wife of Frank C. Adams, vice-president of the Andrew Jergens Company, the John H. Woodbury Company and the Jergens-Woodbury Sales Corporation, died in her home in Clifton, near Cincinnati, August 20. She was 60 years old.

James Monro Blain, superintendent of the plant of Burroughs, Wellcome & Co., manufacturing chemist, at Tuckahoe, N. Y., died August 22, at Grand Isle, Vermont. He was sixty-two years old. Mr. Blain was born in Ontario and was graduated from the Toronto College of Pharmacy. As a young man he engaged in the retail drug business in Wyoming and New York. He had been connected with Burroughs, Wellcome & Co. for twenty-five years.

Thomas J. France, chairman of the board of trustees of the Brooklyn College of Pharmacy and of its committee on supervision, died August 26 in his home in Brooklyn. Mr. France was a charter member of the Kings County Pharmaceutical Society, and had been engaged in the retail drug business for many years. He was eighty-six years old.

Knox L. Garvin, State senator and prominent oil operator, Duncan, Oklahoma, died August 25 in Johns Hopkins Hospital, Baltimore, of a kidney ailment. He was forty-six years old.

Herman Kahn, president of H. Kahn & Co., paint manufacturer, Philadelphia, died in his home in Germantown August 21. He had been engaged in the paint industry for forty years. Surviving are his wife and two sisters.

Herbert Christian Oehlers, superintendent for the Dehls & Stein Chemical Company, Metuchen, N. J., died unexpectedly at the home of his father-in-law, George Champlin, in Columbia, Conn., August 25. He was forty-seven years old. Surviving are his wife, a son and a daughter.

E. H. Whytehead, one of the most prominent chemical engineers in South Africa, died in Johannesburg July 20. He was forty-nine years old. Going to South Africa from England in 1900, Mr. Whytehead became technical adviser at the Modderfontein Dynamite factory; then went to Japan for the Nobel Company returned to England as technical adviser to a government explosive factory during the World War. Afterward he returned to the Transvaal and joined the New Transvaal Chemical Company, an associated company of Lever Brothers, and later took charge of the New Herald Soap Works.

Professor R. C. Price, chemist, associated with the Union Carbide Company, died in Gauley Bridge, West Virginia, August 25. He was sixty-eight years old. He was born in New Madrid, Mo. He served fourteen years as professor of chemistry at the Virginia Polytechnic Institute.

Trade News Briefs

Murray & Nickell Manufacturing Company, drug importer and miller, Chicago, reports a change in address from 2608-2628 Arthington street to 105 West Madison street.

Dr. Henry Wenker, of the research staff of the Apex Chemical Company, this city, returned recently from a three months European tour, during which he had the opportunity to investigate new products and methods of manufacture to present before the board of directors at the next staff meeting.

Airmail service between Shanghai and Hongkong, China, has been suspended, according to W. H. Willoughby, chief of the airmail service, San Francisco, Cal. War conditions were responsible for the suspension. The transpacific clippers, Mr. Willoughby has stated, would continue to fly to Macao, across the straits from Hongkong.

J. A. Eades, secretary of the Read Machinery Company, manufacturer of bakery and chemical equipment, York, Pa., has returned from a six weeks business and pleasure trip to Europe. He sailed June 19 with George F. Huber, president of the Huber Baking Company, and family, Wilmington, Delaware, and Chris Hauck, president of the Hauck Baking Company, St. Louis. While in Germany he attended the chemical engineering equipment exposition at Frankfort.

Fritzsche Brothers, essential oils and aromatic chemicals, this city, has numerous empty desks due to the vacation period. F. H. Leonhardt, president, is at his summer home in Becket, Mass.; John J. Montgomery, assistant secretary, is at Chazy, in upper New York State with his family; R. R. Redanz, assistant treasurer, is at Packanack Lake, N. J.; and C. F. Booth, in charge of the special perfume division, is in the Pocono Mountains of Pennsylvania. All are expected to return to business early in September.

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1 Valley Iron Wks. 100-gal. agitated Autoclave, 500 lb. pressure.
1 Devine Autoclave, 1,000 lb. pressure, 3'6" x 5'.
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1 Lead Lined Tank, with lead coil, 30" x 5'2".
12 Sheet steel storage Tanks, 500 gal. capacity each.
1 Lead lined Vacuum Pan, jacketed, lead coil, 8' x 10'.
2 Louisville Indirect Heat Dryers.
1 Day Jumbo jacketed Mixer; 1—unjacketed 530 gal. capacity.
4 Ross vertical Mixers, 5'4" x 4'6".
2 Ross vertical Mixers, 6' x 6'.
3 Day vertical Mixers, 3' x 5'.

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